

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for human monoclonal antibody AND amyloid

Limits Preview/Index History Clipboard Details

Display Summary Show 500 Sort by Send to

About Entrez

Text Version

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI (Cubby)

Related Resources

Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

All: 638 Review: 39


Items 1 - 500 of 638

Page 1 of 2 Next


- 1: [Klyubin I, Walsh DM, Lemere CA, Cullen WK, Shankar GM, Betts V, Spooner ET, Jiang L, Anwyl R, Selkoe DJ, Rowan MJ.](#) [Related Articles, Links](#)
Amyloid beta protein immunotherapy neutralizes Abeta oligomers that disrupt synaptic plasticity in vivo.
 Nat Med. 2005 Jun;11(6):556-61. Epub 2005 Apr 17.
 PMID: 15834427 [PubMed - in process]
- 2: [Paganetti P, Calanca V, Galli C, Stefani M, Molinari M.](#) [Related Articles, Links](#)
beta-site specific intrabodies to decrease and prevent generation of Alzheimer's Abeta peptide.
 J Cell Biol. 2005 Mar 14;168(6):863-8.
 PMID: 15767460 [PubMed - indexed for MEDLINE]
- 3: [Geylis V, Kourilov V, Meiner Z, Nennesmo I, Bogdanovic N, Steinitz M.](#) [Related Articles, Links](#)
Human monoclonal antibodies against amyloid-beta from healthy adults.
 Neurobiol Aging. 2005 May;26(5):597-606.
 PMID: 15708434 [PubMed - indexed for MEDLINE]
- 4: [Zhang G, Wang LF, Wang HQ, Yao ZB.](#) [Related Articles, Links](#)
[Fusion expression of human Abeta42 recombinant protein and detection of Abeta antibody]
 Di Yi Jun Yi Da Xue Xue Bao. 2005 Feb;25(2):160-4. Chinese.
 PMID: 15698994 [PubMed - in process]
- 5: [Stamp LK, O'Donnell JL.](#) [Related Articles, Links](#)
HLA-B27 associated spondyloarthropathy, vasculitis, and amyloid enteropathy: response to infliximab.
 J Rheumatol. 2005 Feb;32(2):382-5.
 PMID: 15693105 [PubMed - indexed for MEDLINE]
- 6: [Stevens FJ.](#) [Related Articles, Links](#)
Amyloid formation: an emulation of matrix protein assembly?
 Amyloid. 2004 Dec;11(4):232-44.
 PMID: 15678758 [PubMed - indexed for MEDLINE]
- 7: [Wang YJ, Chen GH, Hu XY, Lu YP, Zhou JN, Liu RY.](#) [Related Articles, Links](#)
The expression of calcium/calmodulin-dependent protein kinase II-alpha in the hippocampus of patients with Alzheimer's disease and its links with AD-related pathology.

Brain Res. 2005 Jan 7;1031(1):101-8.
PMID: 15621017 [PubMed - indexed for MEDLINE]


- 8:** [Albrecht H, Zbinden P, Rizzi A, Villetti G, Riccardi B, Puccini P, Catinella S, Imbimbo BP.](#) Related Articles, Links

 High throughput screening of beta-amyloid secretion inhibitors using homogenous time-resolved fluorescence.
Comb Chem High Throughput Screen. 2004 Dec;7(8):745-56.
PMID: 15578936 [PubMed - indexed for MEDLINE]


- 9:** [Olsson A, Vanderstichele H, Andreasen N, De Meyer G, Wallin A, Holmberg B, Rosengren L, Vanmechelen E, Blennow K.](#) Related Articles, Links

 Simultaneous measurement of beta-amyloid(1-42), total tau, and phosphorylated tau (Thr181) in cerebrospinal fluid by the xMAP technology.
Clin Chem. 2005 Feb;51(2):336-45. Epub 2004 Nov 24.
PMID: 15563479 [PubMed - indexed for MEDLINE]


- 10:** [van Horssen J, de Vos RA, Steur EN, David G, Wesseling P, de Waal RM, Verbeek MM.](#) Related Articles, Links

 Absence of heparan sulfate proteoglycans in Lewy bodies and Lewy neurites in Parkinson's disease brains.
J Alzheimers Dis. 2004 Oct;6(5):469-74.
PMID: 15505367 [PubMed - indexed for MEDLINE]


- 11:** [Perez M, Cuadros R, Benitez MJ, Jimenez JS.](#) Related Articles, Links

 Interaction of Alzheimer's disease amyloid beta peptide fragment 25-35 with tau protein, and with a tau peptide containing the microtubule binding domain.
J Alzheimers Dis. 2004 Oct;6(5):461-7.
PMID: 15505366 [PubMed - indexed for MEDLINE]


- 12:** [Manea M, Mezo G, Hudecz F, Przybylski M.](#) Related Articles, Links

 Polypeptide conjugates comprising a beta-amyloid plaque-specific epitope as new vaccine structures against Alzheimer's disease.
Biopolymers. 2004;76(6):503-11.
PMID: 15499564 [PubMed - indexed for MEDLINE]


- 13:** [Motoi Y, Itaya M, Mori H, Mizuno Y, Iwasaki T, Hattori H, Haga S, Ikeda K.](#) Related Articles, Links









 Apolipoprotein E receptor 2 is involved in neuritic plaque formation in APP sw mice.
Neurosci Lett. 2004 Sep 23;368(2):144-7.
PMID: 15351437 [PubMed - indexed for MEDLINE]

- 14:** [Lopez EM, Bell KF, Ribeiro-da-Silva A, Cuellar AC.](#) Related Articles, Links










 Early changes in neurons of the hippocampus and neocortex in transgenic rats expressing intracellular human a-beta.
J Alzheimers Dis. 2004 Aug;6(4):421-31; discussion 443-9.
PMID: 15345813 [PubMed - indexed for MEDLINE]









- 15:** [Schenk D, Hagen M, Seubert P.](#) Related Articles, Links










 Current progress in beta-amyloid immunotherapy.
Curr Opin Immunol. 2004 Oct;16(5):599-606. Review.
PMID: 15342006 [PubMed - indexed for MEDLINE]

- 16:** [Venezia V, Russo C, Repetto E, Salis S, Dolcini V, Genova F, Nizzari M, Mueller U, Schettini G.](#) Related Articles, Links
 Apoptotic cell death influences the signaling activity of the amyloid precursor protein through ShcA and Grb2 adaptor proteins in neuroblastoma SH-SY5Y cells.
 J Neurochem. 2004 Sep;90(6):1359-70.
 PMID: 15341520 [PubMed - indexed for MEDLINE]
- 17:** [Zhang GR, Gao DL, Cao LG, Yin M.](#) Related Articles, Links
 [5-HT2C receptor subtype modulate production of secretory beta-amyloid protein precursor in incubated rat hippocampal slices]
 Yao Xue Xue Bao. 2004 May;39(5):321-4. Chinese.
 PMID: 15338870 [PubMed - indexed for MEDLINE]
- 18:** [Nordberg A.](#) Related Articles, Links
 PET imaging of amyloid in Alzheimer's disease.
 Lancet Neurol. 2004 Sep;3(9):519-27. Review.
 PMID: 15324720 [PubMed - indexed for MEDLINE]
- 19:** [Wiland P, Wiela-Hojenska A, Glowska A, Chlebicki A, Hurkacz M, Orzechowska-Juzwenko K, Szechinski J.](#) Related Articles, Links
 Renal function in rheumatoid arthritis patients treated with methotrexate and infliximab.
 Clin Exp Rheumatol. 2004 Jul-Aug;22(4):469-72.
 PMID: 15301246 [PubMed - indexed for MEDLINE]
- 20:** [Recuero M, Serrano E, Bullido MJ, Valdivieso F.](#) Related Articles, Links
 Abeta production as consequence of cellular death of a human neuroblastoma overexpressing APP.
 FEBS Lett. 2004 Jul 16;570(1-3):114-8.
 PMID: 15251450 [PubMed - indexed for MEDLINE]
- 21:** [Schiltz JG, Salzer U, Mohajeri MH, Franke D, Heinrich J, Pavlovic J, Wollmer MA, Nitsch RM, Moelling K.](#) Related Articles, Links
 Antibodies from a DNA peptide vaccination decrease the brain amyloid burden in a mouse model of Alzheimer's disease.
 J Mol Med. 2004 Oct;82(10):706-14.
 PMID: 15241501 [PubMed - indexed for MEDLINE]
- 22:** [Kowa H, Sakakura T, Matsuura Y, Wakabayashi T, Mann DM, Duff K, Tsuji S, Hashimoto T, Iwatsubo T.](#) Related Articles, Links
 Mostly separate distributions of CLAC- versus Abeta40- or thioflavin S-reactivities in senile plaques reveal two distinct subpopulations of beta-amyloid deposits.
 Am J Pathol. 2004 Jul;165(1):273-81.
 PMID: 15215182 [PubMed - indexed for MEDLINE]
- 23:** [Mruthinti S, Buccafusco JJ, Hill WD, Waller JL, Jackson TW, Zamrini EY, Schade RF.](#) Related Articles, Links
 Autoimmunity in Alzheimer's disease: increased levels of circulating IgGs binding Abeta and RAGE peptides.
 Neurobiol Aging. 2004 Sep;25(8):1023-32.
 PMID: 15212827 [PubMed - indexed for MEDLINE]
- 24:** [Echeverria V, Ducatenzeiler A, Alhonen L, Janne J, Grant SM, Wandosell F, Muro A, Baralle F, Li H, Duff K, Szyf M, Cuello](#) Related Articles, Links








AC.









-  **Rat transgenic models with a phenotype of intracellular Abeta accumulation in hippocampus and cortex.**
J Alzheimers Dis. 2004 Jun;6(3):209-19.
PMID: 15201476 [PubMed - indexed for MEDLINE]
- 25: Homma N.** Related Articles, Links
 **[Amyloidosis]**
Nippon Rinsho. 2004 May;62 Suppl 5:607-11. Review. Japanese. No abstract available.
PMID: 15197994 [PubMed - indexed for MEDLINE]
- 26: Johnson JK, Vogt BA, Kim R, Cotman CW, Head E.** Related Articles, Links
 **Isolated executive impairment and associated frontal neuropathology.**
Dement Geriatr Cogn Disord. 2004;17(4):360-7.
PMID: 15178954 [PubMed - indexed for MEDLINE]
- 27: Johnson G, Moore SW.** Related Articles, Links
 **Identification of a structural site on acetylcholinesterase that promotes neurite outgrowth and binds laminin-1 and collagen IV.**
Biochem Biophys Res Commun. 2004 Jun 25;319(2):448-55.
PMID: 15178427 [PubMed - indexed for MEDLINE]
- 28: Fernandez-Vizarrá P, Fernández AP, Castro-Blanco S, Serrano J, Bentura ML, Martínez-Murillo R, Martínez A, Rodrigo J.** Related Articles, Links
 **Intra- and extracellular Abeta and PHF in clinically evaluated cases of Alzheimer's disease.**
Histol Histopathol. 2004 Jul;19(3):823-44.
PMID: 15168346 [PubMed - indexed for MEDLINE]
- 29: Motomiya Y, Haraoka K, Morita H, Amano I, Sun X, Ando Y.** Related Articles, Links
 **[New molecular marker in dialysis setting--misfolded beta 2-microglobulin]**
Rinsho Byori. 2004 Apr;52(4):362-7. Japanese.
PMID: 15164606 [PubMed - indexed for MEDLINE]
- 30: Hayashi H, Kimura N, Yamaguchi H, Hasegawa K, Yokoseki T, Shibata M, Yamamoto N, Michikawa M, Yoshikawa Y, Terao K, Matsuzaki K, Lemere CA, Selkoe DJ, Naiki H, Yanagisawa K.** Related Articles, Links
 **A seed for Alzheimer amyloid in the brain.**
J Neurosci. 2004 May 19;24(20):4894-902.
PMID: 15152051 [PubMed - indexed for MEDLINE]
- 31: Nissinen R, Leirisalo-Repo M, Peltomaa R, Palosuo T, Vaarala O.** Related Articles, Links
 **Cytokine and chemokine receptor profile of peripheral blood mononuclear cells during treatment with infliximab in patients with active rheumatoid arthritis.**
Ann Rheum Dis. 2004 Jun;63(6):681-7.
PMID: 15140775 [PubMed - indexed for MEDLINE]
- 32: Mathis CA, Wang Y, Klunk WE.** Related Articles, Links
 **Imaging beta-amyloid plaques and neurofibrillary tangles in the aging human brain.**
Curr Pharm Des. 2004;10(13):1469-92. Review.
PMID: 15134570 [PubMed - indexed for MEDLINE]









- 33:** [Apaydin R, Gurbuz Y, Bayramgurler D, Muezzinoglu B, Bilen N.](#) Related Articles, Links
 Cytokeratin expression in lichen amyloidosis and macular amyloidosis. *J Eur Acad Dermatol Venereol.* 2004 May;18(3):305-9. PMID: 15096140 [PubMed - indexed for MEDLINE]
- 34:** [Karkos J.](#) Related Articles, Links
 [Immunotherapy of Alzheimer's disease. Results of experimental investigations and treatment of perspectives] *Fortschr Neurol Psychiatr.* 2004 Apr;72(4):204-19. Review. German. PMID: 15095177 [PubMed - indexed for MEDLINE]
- 35:** [Nilsson M, Wang X, Rodziewicz-Motowidlo S, Janowski R, Lindstrom V, Onnerfjord P, Westermarck G, Grzonka Z, Jaskolski M, Grubb A.](#) Related Articles, Links
 Prevention of domain swapping inhibits dimerization and amyloid fibril formation of cystatin C: use of engineered disulfide bridges, antibodies, and carboxymethylpapain to stabilize the monomeric form of cystatin C. *J Biol Chem.* 2004 Jun 4;279(23):24236-45. Epub 2004 Mar 17. PMID: 15028721 [PubMed - indexed for MEDLINE]
- 36:** [Aleksandrova IY, Kuvichkin VV, Kashparov IA, Medvinskaya NI, Nesterova IV, Lunin SM, Samokhin AN, Bobkova NV.](#) Related Articles, Links
 Increased level of beta-amyloid in the brain of bulbectomized mice. *Biochemistry (Mosc).* 2004 Feb;69(2):176-80. PMID: 15000684 [PubMed - indexed for MEDLINE]
- 37:** [Solomon A, Weiss DT, Wall JS.](#) Related Articles, Links
 Immunotherapy in systemic primary (AL) amyloidosis using amyloid-reactive monoclonal antibodies. *Cancer Biother Radiopharm.* 2003 Dec;18(6):853-60. Review. PMID: 14969598 [PubMed - indexed for MEDLINE]
- 38:** [Woltjer RL, Maezawa I, Ou JJ, Montine KS, Montine TJ.](#) Related Articles, Links
 Advanced glycation endproduct precursor alters intracellular amyloid-beta/A beta PP carboxy-terminal fragment aggregation and cytotoxicity. *J Alzheimers Dis.* 2003 Dec;5(6):467-76. PMID: 14757937 [PubMed - indexed for MEDLINE]
- 39:** [Burn DJ.](#) Related Articles, Links
 Cortical Lewy body disease. *J Neurol Neurosurg Psychiatry.* 2004 Feb;75(2):175-8. No abstract available. PMID: 14742580 [PubMed - indexed for MEDLINE]
- 40:** [Hagihara K, Nishikawa T, Isobe T, Song J, Sugamata Y, Yoshizaki K.](#) Related Articles, Links
 IL-6 plays a critical role in the synergistic induction of human serum amyloid A (SAA) gene when stimulated with proinflammatory cytokines as analyzed with an SAA isoform real-time quantitative RT-PCR assay system. *Biochem Biophys Res Commun.* 2004 Feb 6;314(2):363-9. PMID: 14733913 [PubMed - indexed for MEDLINE]
- 41:** [Rangan SK, Liu R, Brune D, Planque S, Paul S, Sierks MR.](#) Related Articles, Links
 Degradation of beta-amyloid by proteolytic antibody light chains.

-  Biochemistry. 2003 Dec 9;42(48):14328-34.
PMID: 14640701 [PubMed - indexed for MEDLINE]
- 42:** [Ciboddo G, Idone C.](#) Related Articles, Links
 Treatment of renal amyloidosis in rheumatoid arthritis requires further investigation: comment on the case report by Elkayam et al.
Arthritis Rheum. 2003 Nov;48(11):3299; author reply 3299-300. No abstract available.
PMID: 14613302 [PubMed - indexed for MEDLINE]
- 43:** [Tweezer-Zaks N, Langevitz P, Livneh A.](#) Related Articles, Links
 Long-term followup needed to define role of infliximab in treatment of renal amyloidosis: comment on the case report by Elkayam et al.
Arthritis Rheum. 2003 Nov;48(11):3298-9; author reply 3299-300. No abstract available.
PMID: 14613300 [PubMed - indexed for MEDLINE]
- 44:** [Miller DL, Currie JR, Mehta PD, Potempska A, Hwang YW, Wegiel J.](#) Related Articles, Links
 Humoral immune response to fibrillar beta-amyloid peptide.
Biochemistry. 2003 Oct 14;42(40):11682-92.
PMID: 14529278 [PubMed - indexed for MEDLINE]
- 45:** [Wang DS, Iwata N, Hama E, Saido TC, Dickson DW.](#) Related Articles, Links
 Oxidized neprilysin in aging and Alzheimer's disease brains.
Biochem Biophys Res Commun. 2003 Oct 10;310(1):236-41.
PMID: 14511676 [PubMed - indexed for MEDLINE]
- 46:** [Solomon A, Weiss DT, Wall JS.](#) Related Articles, Links
 Therapeutic potential of chimeric amyloid-reactive monoclonal antibody 11-1F4.
Clin Cancer Res. 2003 Sep 1;9(10 Pt 2):3831S-8S.
PMID: 14506180 [PubMed - indexed for MEDLINE]
- 47:** [Lehman EJ, Kulnane LS, Gao Y, Petriello MC, Pimpis KM, Younkin L, Dolios G, Wang R, Younkin SG, Lamb BT.](#) Related Articles, Links
 Genetic background regulates beta-amyloid precursor protein processing and beta-amyloid deposition in the mouse.
Hum Mol Genet. 2003 Nov 15;12(22):2949-56. Epub 2003 Sep 23.
PMID: 14506131 [PubMed - indexed for MEDLINE]
- 48:** [Mruthinti S, Hill WD, Swamy-Mruthinti S, Buccafusco JJ.](#) Related Articles, Links
 Relationship between the induction of RAGE cell-surface antigen and the expression of amyloid binding sites.
J Mol Neurosci. 2003;20(3):223-32.
PMID: 14501001 [PubMed - indexed for MEDLINE]
- 49:** [Chauhan NB, Siegel GJ.](#) Related Articles, Links
 Intracerebroventricular passive immunization with anti-Abeta antibody in Tg2576.
J Neurosci Res. 2003 Oct 1;74(1):142-7.
PMID: 13130516 [PubMed - indexed for MEDLINE]
- 50:** [Maddalena A, Papassotiropoulos A, Muller-Tillmanns B, Jung HH, Hegi T, Nitsch RM, Hock C.](#) Related Articles, Links

Biochemical diagnosis of Alzheimer disease by measuring the

-  cerebrospinal fluid ratio of phosphorylated tau protein to beta-amyloid peptide42.
Arch Neurol. 2003 Sep;60(9):1202-6.
PMID: 12975284 [PubMed - indexed for MEDLINE]
- 51:** [Khurana R, Souillac PO, Coats AC, Minert L, Ionescu-Zanetti C, Carter SA, Solomon A, Fink AL.](#) Related Articles, Links
A model for amyloid fibril formation in immunoglobulin light chains based on comparison of amyloidogenic and benign proteins and specific antibody binding.
Amyloid. 2003 Jun;10(2):97-109.
PMID: 12964417 [PubMed - indexed for MEDLINE]
- 52:** [Cottingham MG, Voskuil JL, Vaux DJ.](#) Related Articles, Links
 The intact human acetylcholinesterase C-terminal oligomerization domain is alpha-helical in situ and in isolation, but a shorter fragment forms beta-sheet-rich amyloid fibrils and protofibrillar oligomers.
Biochemistry. 2003 Sep 16;42(36):10863-73.
PMID: 12962511 [PubMed - indexed for MEDLINE]
- 53:** [Uchihara T, Nakamura A, Nakayama H, Arima K, Ishizuka N, Mori H, Mizushima S.](#) Related Articles, Links
 Triple immunofluorolabeling with two rabbit polyclonal antibodies and a mouse monoclonal antibody allowing three-dimensional analysis of cotton wool plaques in Alzheimer disease.
J Histochem Cytochem. 2003 Sep;51(9):1201-6.
PMID: 12923245 [PubMed - indexed for MEDLINE]
- 54:** [LeVine H 3rd.](#) Related Articles, Links
 Y10W beta(1-40) fluorescence reflects epitope exposure in conformers of Alzheimer's beta-peptide.
Arch Biochem Biophys. 2003 Sep 1;417(1):112-22.
PMID: 12921787 [PubMed - indexed for MEDLINE]
- 55:** [Morgan D.](#) Related Articles, Links
 Antibody therapy for Alzheimer's disease.
Expert Rev Vaccines. 2003 Feb;2(1):53-9. Review.
PMID: 12901597 [PubMed - indexed for MEDLINE]
- 56:** [Gamblin TC, Chen F, Zambrano A, Abraha A, Lagalwar S, Guillozet AL, Lu M, Fu Y, Garcia-Sierra F, LaPointe N, Miller R, Berry RW, Binder LI, Cryns VL.](#) Related Articles, Links
 Caspase cleavage of tau: linking amyloid and neurofibrillary tangles in Alzheimer's disease.
Proc Natl Acad Sci U S A. 2003 Aug 19;100(17):10032-7. Epub 2003 Jul 29.
PMID: 12888622 [PubMed - indexed for MEDLINE]
- 57:** [Nishimoto N, Yoshizaki K, Maeda K, Kuritani T, Deguchi H, Sato B, Imai N, Suemura M, Kakehi T, Takagi N, Kishimoto T.](#) Related Articles, Links
 Toxicity, pharmacokinetics, and dose-finding study of repetitive treatment with the humanized anti-interleukin 6 receptor antibody MRA in rheumatoid arthritis. Phase I/II clinical study.
J Rheumatol. 2003 Jul;30(7):1426-35.
PMID: 12858437 [PubMed - indexed for MEDLINE]
- 58:** [Gottenberg JE, Merle-Vincent F, Bentaberry F, Allanore Y.](#) Related Articles, Links

- Berenbaum F, Fautrel B, Combe B, Durbach A, Sibia J, Dougados M, Mariette X.
-  Anti-tumor necrosis factor alpha therapy in fifteen patients with AA amyloidosis secondary to inflammatory arthritides: a followup report of tolerability and efficacy.
Arthritis Rheum. 2003 Jul;48(7):2019-24.
PMID: 12847696 [PubMed - indexed for MEDLINE]
- 59:** Solomon B, Frenkel D. Related Articles, Links
-  Vaccination for the prevention and treatment of Alzheimer's disease.
Drugs Today (Barc). 2000 Sep;36(9):655-63.
PMID: 12847570 [PubMed]
- 60:** Lachmann HJ, Gallimore R, Gillmore JD, Carr-Smith HD, Bradwell AR, Pepys MB, Hawkins PN. Related Articles, Links
-  Outcome in systemic AL amyloidosis in relation to changes in concentration of circulating free immunoglobulin light chains following chemotherapy.
Br J Haematol. 2003 Jul;122(1):78-84.
PMID: 12823348 [PubMed - indexed for MEDLINE]
- 61:** Riedel A, Miettinen R, Stieler J, Mikkonen M, Alafuzoff I, Soininen H, Arendt T. Related Articles, Links
-  Reelin-immunoreactive Cajal-Retzius cells: the entorhinal cortex in normal aging and Alzheimer's disease.
Acta Neuropathol (Berl). 2003 Oct;106(4):291-302. Epub 2003 Jun 17.
PMID: 12811583 [PubMed - indexed for MEDLINE]
- 62:** Radenahmad N, Neal JW, Wilcock G, Pearson RC. Related Articles, Links
-  A neurofilament antibody recognizes a subset of pyramidal cells in the human neocortex that are preserved in Alzheimer's disease.
Neuropathol Appl Neurobiol. 2003 Jun;29(3):316-20. No abstract available.
PMID: 12787329 [PubMed - indexed for MEDLINE]
- 63:** Farr SA, Banks WA, Uezu K, Sano A, Gaskin FS, Morley JE. Related Articles, Links
-  Antibody to beta-amyloid protein increases acetylcholine in the hippocampus of 12 month SAMP8 male mice.
Life Sci. 2003 Jun 20;73(5):555-62.
PMID: 12770611 [PubMed - indexed for MEDLINE]
- 64:** Kimura T, Tani S, Motoki M, Matsumoto Y. Related Articles, Links
-  Role of Shiga toxin 2 (Stx2)-binding protein, human serum amyloid P component (HuSAP), in Shiga toxin-producing Escherichia coli infections: assumption from in vitro and in vivo study using HuSAP and anti-Stx2 humanized monoclonal antibody TMA-15.
Biochem Biophys Res Commun. 2003 Jun 13;305(4):1057-60.
PMID: 12767937 [PubMed - indexed for MEDLINE]
- 65:** Taylor BM, Sarver RW, Fici G, Poorman RA, Lutzke BS, Molinari A, Kawabe T, Kappenman K, Buhl AE, Epps DE. Related Articles, Links
-  Spontaneous aggregation and cytotoxicity of the beta-amyloid Abeta1-40: a kinetic model.
J Protein Chem. 2003 Jan;22(1):31-40.
PMID: 12739896 [PubMed - indexed for MEDLINE]

- 66:** [Tateyama M, Takeda A, Onodera Y, Matsuzaki M, Hasegawa T, Nunomura A, Hirai K, Perry G, Smith MA, Itoyama Y.](#) Related Articles, Links
 Oxidative stress and predominant Abeta42(43) deposition in myopathies with rimmed vacuoles.
 Acta Neuropathol (Berl). 2003 Jun;105(6):581-5. Epub 2003 Mar 5.
 PMID: 12734664 [PubMed - indexed for MEDLINE]
- 67:** [Ueno T, Hoshii Y, Cui D, Kawano H, Gondo T, Takahashi M, Ishihara T.](#) Related Articles, Links
 Immunohistochemical study of cytokeratins in amyloid deposits associated with squamous cell carcinoma and dysplasia in the oral cavity, pharynx and larynx.
 Pathol Int. 2003 May;53(5):265-9.
 PMID: 12713559 [PubMed - indexed for MEDLINE]
- 68:** [Auerbach ID, Sung SH, Wang Z, Vinters HV.](#) Related Articles, Links
 Smooth muscle cells and the pathogenesis of cerebral microvascular disease ("angiomyopathies").
 Exp Mol Pathol. 2003 Apr;74(2):148-59.
 PMID: 12710946 [PubMed - indexed for MEDLINE]
- 69:** [Yoburn JC, Tian W, Brower JO, Nowick JS, Glabe CG, Van Vranken DL.](#) Related Articles, Links
 Dityrosine cross-linked Abeta peptides: fibrillar beta-structure in Abeta (1-40) is conducive to formation of dityrosine cross-links but a dityrosine cross-link in Abeta(8-14) does not induce beta-structure.
 Chem Res Toxicol. 2003 Apr;16(4):531-5.
 PMID: 12703970 [PubMed - indexed for MEDLINE]
- 70:** [Solomon B.](#) Related Articles, Links
 Protective Molecules in Alzheimer's Disease: Therapeutic Antibodies.
 Drug News Perspect. 2002 Sep;15(7):410-416.
 PMID: 12677176 [PubMed - as supplied by publisher]
- 71:** [Cantarella G, Uberti D, Carsana T, Lombardo G, Bernardini R, Memo M.](#) Related Articles, Links
 Neutralization of TRAIL death pathway protects human neuronal cell line from beta-amyloid toxicity.
 Cell Death Differ. 2003 Jan;10(1):134-41.
 PMID: 12655302 [PubMed - indexed for MEDLINE]
- 72:** [Kobayashi K, Nakano H, Hayashi M, Shimazaki M, Fukutani Y, Sasaki K, Sugimori K, Koshino Y.](#) Related Articles, Links
 Association of phosphorylation site of tau protein with neuronal apoptosis in Alzheimer's disease.
 J Neurol Sci. 2003 Apr 15;208(1-2):17-24.
 PMID: 12639720 [PubMed - indexed for MEDLINE]
- 73:** [Bard F, Barbour R, Cannon C, Carretto R, Fox M, Games D, Guido T, Hoenow K, Hu K, Johnson-Wood K, Khan K, Kholodenko D, Lee C, Lee M, Motter R, Nguyen M, Reed A, Schenk D, Tang P, Vasquez N, Seubert P, Yednock T.](#) Related Articles, Links
 Epitope and isotype specificities of antibodies to beta -amyloid peptide for protection against Alzheimer's disease-like neuropathology.
 Proc Natl Acad Sci U S A. 2003 Feb 18;100(4):2023-8. Epub 2003 Feb 3. Erratum in: Proc Natl Acad Sci U S A. 2004 Aug 3;101(3):11526.

PMID: 12566568 [PubMed - indexed for MEDLINE]

- 74:** [Kumon Y, Hosokawa T, Suehiro T, Ikeda Y, Sipe JD, Hashimoto K.](#) Related Articles, Links



Acute-phase, but not constitutive serum amyloid A (SAA) is chemotactic for cultured human aortic smooth muscle cells.

Amyloid. 2002 Dec;9(4):237-41.

PMID: 12557751 [PubMed - indexed for MEDLINE]

- 75:** [Johnson G, Moore SW.](#) Related Articles, Links



Human acetylcholinesterase binds to mouse laminin-1 and human collagen IV by an electrostatic mechanism at the peripheral anionic site.

Neurosci Lett. 2003 Jan 30;337(1):37-40.

PMID: 12524166 [PubMed - indexed for MEDLINE]

- 76:** [Larson MA, Wei SH, Weber A, Mack DR, McDonald TL.](#) Related Articles, Links



Human serum amyloid A₃ peptide enhances intestinal MUC3 expression and inhibits EPEC adherence.

Biochem Biophys Res Commun. 2003 Jan 10;300(2):531-40.

PMID: 12504116 [PubMed - indexed for MEDLINE]

- 77:** [Deininger MH, Fimmen BA, Thal DR, Schluesener HJ, Meyermann R.](#) Related Articles, Links



Aberrant neuronal and paracellular deposition of endostatin in brains of patients with Alzheimer's disease.

J Neurosci. 2002 Dec 15;22(24):10621-6. Erratum in: J Neurosci. 2003 Jan 15;23(2):725.

PMID: 12486154 [PubMed - indexed for MEDLINE]

- 78:** [Ozawa K, Tomiyama T, Maat-Schieman ML, Roos RA, Mori H.](#) Related Articles, Links



Enhanced A β 40 deposition was associated with increased A β 42-43 in cerebral vasculature with Dutch-type hereditary cerebral hemorrhage with amyloidosis (HCHWA-D).

Ann N Y Acad Sci. 2002 Nov;977:149-54.

PMID: 12480745 [PubMed - indexed for MEDLINE]

- 79:** [McGreal E, Gasque P.](#) Related Articles, Links



Structure-function studies of the receptors for complement C1q.

Biochem Soc Trans. 2002 Nov;30(Pt 6):1010-4. Review.

PMID: 12440963 [PubMed - indexed for MEDLINE]

- 80:** [Pfeifer M, Boncristiano S, Bondolfi L, Stalder A, Deller T, Staufenbiel M, Mathews PM, Jucker M.](#) Related Articles, Links



Cerebral hemorrhage after passive anti-A β immunotherapy.

Science. 2002 Nov 15;298(5597):1379. No abstract available.

PMID: 12434053 [PubMed - indexed for MEDLINE]

- 81:** [Eneqvist T, Olofsson A, Ando Y, Miyakawa T, Katsuragi S, Jass J, Lundgren E, Sauer-Eriksson AE.](#) Related Articles, Links



















Disulfide-bond formation in the transthyretin mutant Y114C prevents amyloid fibril formation in vivo and in vitro.

Biochemistry. 2002 Nov 5;41(44):13143-51.










PMID: 12403615 [PubMed - indexed for MEDLINE]









- 82:** [Wen GY, Yang SY, Kaczmarek W, He XY, Pappas KS.](#) Related Articles, Links

-  Presence of hydroxysteroid dehydrogenase type 10 in amyloid plaques (APs) of Hsiao's APP-Sw transgenic mouse brains, but absence in APs of Alzheimer's disease brains.
Brain Res. 2002 Nov 1;954(1):115-22.
PMID: 12393239 [PubMed - indexed for MEDLINE]
- 83:** [Elkayam O, Hawkins PN, Lachmann H, Yaron M, Caspi D.](#) Related Articles, Links
-  Rapid and complete resolution of proteinuria due to renal amyloidosis in a patient with rheumatoid arthritis treated with infliximab.
Arthritis Rheum. 2002 Oct;46(10):2571-3.
PMID: 12384913 [PubMed - indexed for MEDLINE]
- 84:** [Solomon B.](#) Related Articles, Links
-  Anti-aggregating antibodies, a new approach towards treatment of conformational diseases.
Curr Med Chem. 2002 Oct;9(19):1737-49. Review.
PMID: 12369884 [PubMed - indexed for MEDLINE]
- 85:** [Schenk D.](#) Related Articles, Links
-  Amyloid-beta immunotherapy for Alzheimer's disease: the end of the beginning.
Nat Rev Neurosci. 2002 Oct;3(10):824-8. Review. No abstract available.
PMID: 12360327 [PubMed - indexed for MEDLINE]
- 86:** [Ohno S, Yoshimoto M, Honda S, Miyachi S, Ishida T, Itoh F, Endo T, Chiba S, Imai K.](#) Related Articles, Links
-  The antisense approach in amyloid light chain amyloidosis: identification of monoclonal Ig and inhibition of its production by antisense oligonucleotides in in vitro and in vivo models.
J Immunol. 2002 Oct 1;169(7):4039-45.
PMID: 12244207 [PubMed - indexed for MEDLINE]
- 87:** [Krygowska-Wajs A, Adamek D, Szczudlik A, Kaluza J.](#) Related Articles, Links
-  An attempt at evaluating borderline conditions of Parkinson's disease and its preclinical stage on the basis of clinical and morphological correlation.
Folia Neuropathol. 2002;40(2):57-66.
PMID: 12230257 [PubMed - indexed for MEDLINE]
- 88:** [Grant SM, Ducatenzeiler A, Szyf M, Cuello AC.](#) Related Articles, Links
-  Abeta immunoreactive material is present in several intracellular compartments in transfected, neuronally differentiated, P19 cells expressing the human amyloid beta-protein precursor.
J Alzheimers Dis. 2000 Nov;2(3-4):207-22.
PMID: 12214085 [PubMed]
- 89:** [Tammer AH, Coia G, Cappai R, Fuller S, Masters CL, Hudson P, Underwood JR.](#) Related Articles, Links
-  Generation of a recombinant Fab antibody reactive with the Alzheimer's disease-related Abeta peptide.
Clin Exp Immunol. 2002 Sep;129(3):453-63.
PMID: 12197886 [PubMed - indexed for MEDLINE]
- 90:** [Kovacs GG, Zerbi P, Voigtlander T, Strohschneider M, Trabattoni G, Hainfellner JA, Budka H.](#) Related Articles, Links
- The prion protein in human neurodegenerative disorders.

-  [Neurosci Lett. 2002 Sep 6;329\(3\):269-72.](#)
PMID: 12183028 [PubMed - indexed for MEDLINE]
- 91:** [Castegna A, Aksenov M, Aksenova M, Thongboonkerd V, Klein JB, Pierce WM, Booze R, Markesbery WR, Butterfield DA.](#) Related Articles, Links
-  Proteomic identification of oxidatively modified proteins in Alzheimer's disease brain. Part I: creatine kinase BB, glutamine synthase, and ubiquitin carboxy-terminal hydrolase L-1.
Free Radic Biol Med. 2002 Aug 15;33(4):562-71.
PMID: 12160938 [PubMed - indexed for MEDLINE]
- 92:** [Behr D, Wrigley JD, Owens AP, Shearman MS.](#) Related Articles, Links
-  Generation of C-terminally truncated amyloid-beta peptides is dependent on gamma-secretase activity.
J Neurochem. 2002 Aug;82(3):563-75.
PMID: 12153480 [PubMed - indexed for MEDLINE]
- 93:** [Clamagirand C, Joulie C, Panchal M, Sekhri R, Hanquez C, Cohen P, Rholam M.](#) Related Articles, Links
-  Specific cleavage of beta-amyloid peptides by a metallopeptidase from *Xenopus laevis* skin secretions.
Comp Biochem Physiol B Biochem Mol Biol. 2002 Aug;132(4):751-9.
PMID: 12128061 [PubMed - indexed for MEDLINE]
- 94:** [Takao M, Ghetti B, Hayakawa I, Ikeda E, Fukuuchi Y, Miravalle L, Piccardo P, Murrell JR, Glazier BS, Koto A.](#) Related Articles, Links
-  A novel mutation (G217D) in the Presenilin 1 gene (PSEN1) in a Japanese family: presenile dementia and parkinsonism are associated with cotton wool plaques in the cortex and striatum.
Acta Neuropathol (Berl). 2002 Aug;104(2):155-70. Epub 2002 Apr 19.
PMID: 12111359 [PubMed - indexed for MEDLINE]
- 95:** [Zerovnik E, Zavasnik-Bergant V, Kopitar-Jerala N, Pompe-Novak M, Skarabot M, Goldie K, Ravnikar M, Musevic I, Turk V.](#) Related Articles, Links
-  Amyloid fibril formation by human stefin B in vitro: immunogold labelling and comparison to stefin A.
Biol Chem. 2002 May;383(5):859-63.
PMID: 12108553 [PubMed - indexed for MEDLINE]
- 96:** [Nyabi O, Pype S, Mercken M, Herreman A, Saftig P, Craessaerts K, Sermeels L, Annaert W, De Strooper B.](#) Related Articles, Links
-  No endogenous A beta production in presenilin-deficient fibroblasts.
Nat Cell Biol. 2002 Jul;4(7):E164; author reply E165-6. No abstract available.
PMID: 12105423 [PubMed - indexed for MEDLINE]
- 97:** [Mathews PM, Jiang Y, Schmidt SD, Grbovic OM, Mercken M, Nixon RA.](#) Related Articles, Links
-  Calpain activity regulates the cell surface distribution of amyloid precursor protein. Inhibition of calpains enhances endosomal generation of beta-cleaved C-terminal APP fragments.
J Biol Chem. 2002 Sep 27;277(39):36415-24. Epub 2002 Jun 26.
PMID: 12087104 [PubMed - indexed for MEDLINE]
- 98:** [Chen S, Berthelie V, Hamilton JB, O'Nuallain B, Wetzel R.](#) Related Articles, Links

Amyloid-like features of polyglutamine aggregates and their assembly

-  kinetics.
Biochemistry. 2002 Jun 11;41(23):7391-9.
PMID: 12044172 [PubMed - indexed for MEDLINE]
- 99:** [Hanan E, Priola SA, Solomon B.](#) Related Articles, Links
-  Antiaggregating antibody raised against human PrP 106-126 recognizes pathological and normal isoforms of the whole prion protein.
Cell Mol Neurobiol. 2001 Dec;21(6):693-703.
PMID: 12043842 [PubMed - indexed for MEDLINE]
- 100:** [Rolph MS, Zimmer S, Bottazzi B, Garlanda C, Mantovani A, Hansson GK.](#) Related Articles, Links
-  Production of the long pentraxin PTX3 in advanced atherosclerotic plaques.
Arterioscler Thromb Vasc Biol. 2002 May 1;22(5):e10-4.
PMID: 12006411 [PubMed - indexed for MEDLINE]
- 101:** [Hashimoto T, Wakabayashi T, Watanabe A, Kowa H, Hosoda R, Nakamura A, Kanazawa I, Arai T, Takio K, Mann DM, Iwatsubo T.](#) Related Articles, Links
-  CLAC: a novel Alzheimer amyloid plaque component derived from a transmembrane precursor, CLAC-P/collagen type XXV.
EMBO J. 2002 Apr 2;21(7):1524-34.
PMID: 11927537 [PubMed - indexed for MEDLINE]
- 102:** [DeMattos RB, Bales KR, Cummins DJ, Paul SM, Holtzman DM.](#) Related Articles, Links
-  Brain to plasma amyloid-beta efflux: a measure of brain amyloid burden in a mouse model of Alzheimer's disease.
Science. 2002 Mar 22;295(5563):2264-7.
PMID: 11910111 [PubMed - indexed for MEDLINE]
- 103:** [Martsev SP, Dubnovitsky AP, Vlasov AP, Hoshino M, Hasegawa K, Naiki H, Goto Y.](#) Related Articles, Links
-  Amyloid fibril formation of the mouse V(L) domain at acidic pH.
Biochemistry. 2002 Mar 12;41(10):3389-95.
PMID: 11876647 [PubMed - indexed for MEDLINE]
- 104:** [Frenkel D, Solomon B.](#) Related Articles, Links
-  Towards Alzheimer's beta-amyloid vaccination.
Biologicals. 2001 Sep-Dec;29(3-4):243-7.
PMID: 11851323 [PubMed - indexed for MEDLINE]
- 105:** [O'Nuallain B, Wetzel R.](#) Related Articles, Links
-  Conformational Abs recognizing a generic amyloid fibril epitope.
Proc Natl Acad Sci U S A. 2002 Feb 5;99(3):1485-90. Epub 2002 Jan 29.
PMID: 11818542 [PubMed - indexed for MEDLINE]
- 106:** [Cummings BJ, Mason AJ, Kim RC, Sheu PC, Anderson AJ.](#) Related Articles, Links
-  Optimization of techniques for the maximal detection and quantification of Alzheimer's-related neuropathology with digital imaging.
Neurobiol Aging. 2002 Mar-Apr;23(2):161-70.
PMID: 11804699 [PubMed - indexed for MEDLINE]
- 107:** [Matsunaga Y, Saito N, Fujii A, Yokotani J, Takakura T, Nishimura T, Esaki H, Yamada T.](#) Related Articles, Links

-  A pH-dependent conformational transition of Abeta peptide and physicochemical properties of the conformers in the glial cell.
Biochem J. 2002 Feb 1;361(Pt 3):547-56.
PMID: 11802784 [PubMed - indexed for MEDLINE]
- 108:** Solomon B. Related Articles, Links
-  Immunotherapeutic strategies for prevention and treatment of Alzheimer's disease.
DNA Cell Biol. 2001 Nov;20(11):697-703.
PMID: 11788047 [PubMed - indexed for MEDLINE]
- 109:** Coraci IS, Husemann J, Berman JW, Hulette C, Dufour JH, Campanella GK, Luster AD, Silverstein SC, El-Khoury JB. Related Articles, Links
-  CD36, a class B scavenger receptor, is expressed on microglia in Alzheimer's disease brains and can mediate production of reactive oxygen species in response to beta-amyloid fibrils.
Am J Pathol. 2002 Jan;160(1):101-12.
PMID: 11786404 [PubMed - indexed for MEDLINE]
- 110:** Parvathy S, Davies P, Haroutunian V, Purohit DP, Davis KL, Mohs RC, Park H, Moran TM, Chan JY, Buxbaum JD. Related Articles, Links
-  Correlation between Abeta40-, Abeta42-, and Abeta43-containing amyloid plaques and cognitive decline.
Arch Neurol. 2001 Dec;58(12):2025-32. Erratum in: Arch Neurol 2002 Feb;59(2):202.
PMID: 11735776 [PubMed - indexed for MEDLINE]
- 111:** Poduslo JF, Curran GL. Related Articles, Links
-  Amyloid beta peptide as a vaccine for Alzheimer's disease involves receptor-mediated transport at the blood-brain barrier.
Neuroreport. 2001 Oct 29;12(15):3197-200.
PMID: 11711855 [PubMed - indexed for MEDLINE]
- 112:** Dobrogowska DH, Vorbrod AW, Wegiel J, Wang KC, Shoji M, Mondadori C, Polatis G, Giovanni A, Wisniewski HM. Related Articles, Links
-  Cytochemical study of the involvement of cell organelles in formation and accumulation of fibrillar amyloid in the pancreas of NORbeta transgenic mice.
Histol Histopathol. 2001 Oct;16(4):1047-56.
PMID: 11642724 [PubMed - indexed for MEDLINE]
- 113:** Nunan J, Shearman MS, Checler F, Cappai R, Evin G, Beyreuther K, Masters CL, Small DH. Related Articles, Links
-  The C-terminal fragment of the Alzheimer's disease amyloid protein precursor is degraded by a proteasome-dependent mechanism distinct from gamma-secretase.
Eur J Biochem. 2001 Oct;268(20):5329-36.
PMID: 11606195 [PubMed - indexed for MEDLINE]
- 114:** Carter DB, Dunn E, McKinley DD, Stratman NC, Boyle TP, Kuiper SL, Oostveen JA, Weaver RJ, Boller JA, Gurney ME. Related Articles, Links
-  Human apolipoprotein E4 accelerates beta-amyloid deposition in APPsw transgenic mouse brain.
Ann Neurol. 2001 Oct;50(4):468-75.
PMID: 11601499 [PubMed - indexed for MEDLINE]
- 115:** Liao R, Jain M, Teller P, Connors LH, Ngoy S, Skinner M, Falk Related Articles, Links

RH, Apstein CS.



Infusion of light chains from patients with cardiac amyloidosis causes diastolic dysfunction in isolated mouse hearts.

Circulation. 2001 Oct 2;104(14):1594-7.

PMID: 11581134 [PubMed - indexed for MEDLINE]

- 116:** Anesi E, Palladini G, Perfetti V, Arbustini E, Obici L, Merlini G. Related Articles, Links



Therapeutic advances demand accurate typing of amyloid deposits.

Am J Med. 2001 Aug 15;111(3):243-4. No abstract available.

PMID: 11545098 [PubMed - indexed for MEDLINE]

- 117:** Rub U, Del Tredici K, Schultz C, Thal DR, Braak E, Braak H. Related Articles, Links



The autonomic higher order processing nuclei of the lower brain stem are among the early targets of the Alzheimer's disease-related cytoskeletal pathology.

Acta Neuropathol (Berl). 2001 Jun;101(6):555-64.

PMID: 11515783 [PubMed - indexed for MEDLINE]

- 118:** Mikhailenko I, Battey FD, Migliorini M, Ruiz JF, Argraves K, Moayeri M, Strickland DK. Related Articles, Links



Recognition of alpha 2-macroglobulin by the low density lipoprotein receptor-related protein requires the cooperation of two ligand binding cluster regions.

J Biol Chem. 2001 Oct 19;276(42):39484-91. Epub 2001 Aug 15.

PMID: 11507091 [PubMed - indexed for MEDLINE]

- 119:** Mann DM, Takeuchi A, Sato S, Cairns NJ, Lantos PL, Rossor MN, Haltia M, Kalimo H, Iwatsubo T. Related Articles, Links



Cases of Alzheimer's disease due to deletion of exon 9 of the presenilin-1 gene show an unusual but characteristic beta-amyloid pathology known as 'cotton wool' plaques.

Neuropathol Appl Neurobiol. 2001 Jun;27(3):189-96.

PMID: 11489138 [PubMed - indexed for MEDLINE]

- 120:** Pluta R, Misicka A, Barcikowska M, Spisacka S, Lipkowski AW, Januszewski S. Related Articles, Links



Possible reverse transport of beta-amyloid peptide across the blood-brain barrier.

Acta Neurochir Suppl. 2000;76:73-7.

PMID: 11450095 [PubMed - indexed for MEDLINE]

- 121:** DeMattos RB, Bales KR, Cummins DJ, Dodart JC, Paul SM, Holtzman DM. Related Articles, Links



Peripheral anti-A beta antibody alters CNS and plasma A beta clearance and decreases brain A beta burden in a mouse model of Alzheimer's disease.

Proc Natl Acad Sci U S A. 2001 Jul 17;98(15):8850-5. Epub 2001 Jul 3.

PMID: 11438712 [PubMed - indexed for MEDLINE]









- 122:** Pálha JA, Moreira P, Olofsson A, Lundgren E, Saraiva MJ. Related Articles, Links



















Antibody recognition of amyloidogenic transthyretin variants in serum of patients with familial amyloidotic polyneuropathy.









J Mol Med. 2001;78(12):703-7.










PMID: 11434723 [PubMed - indexed for MEDLINE]









- 123:** [Jayasena UL, Gribble SK, McKenzie A, Beyreuther K, Masters CL, Underwood JR.](#) Related Articles, Links
-  Identification of structural variations in the carboxyl terminus of Alzheimer's disease-associated beta A4[1-42] amyloid using a monoclonal antibody.
Clin Exp Immunol. 2001 May;124(2):297-305.
PMID: 11422208 [PubMed - indexed for MEDLINE]
- 124:** [Hernandez-Nunez A, Dauden E, Moreno de Vega MJ, Fraga J, Aragues M, Garcia-Diez A.](#) Related Articles, Links
-  Widespread biphasic amyloidosis: response to acitretin.
Clin Exp Dermatol. 2001 May;26(3):256-9. Review.
PMID: 11422168 [PubMed - indexed for MEDLINE]
- 125:** [Heegaard NH, Sen JW, Kaarsholm NC, Nissen MH.](#) Related Articles, Links
-  Conformational intermediate of the amyloidogenic protein beta 2-microglobulin at neutral pH.
J Biol Chem. 2001 Aug 31;276(35):32657-62. Epub 2001 Jun 20.
PMID: 11418618 [PubMed - indexed for MEDLINE]
- 126:** [Buxbaum JN.](#) Related Articles, Links
-  Abnormal immunoglobulin synthesis in monoclonal immunoglobulin light chain and light and heavy chain deposition disease.
Amyloid. 2001 Jun;8(2):84-93.
PMID: 11409038 [PubMed - indexed for MEDLINE]
- 127:** [Sasaki K, Ma Z, Okazaki K, Khatlani TS, Okuda M, Kajikawa T, Onishi T.](#) Related Articles, Links
-  Characterization of monoclonal antibodies specific for feline serum amyloid (SAA) protein.
Hybridoma. 2001 Apr;20(2):103-8.
PMID: 11394528 [PubMed - indexed for MEDLINE]
- 128:** [Terai K, Iwai A, Kawabata S, Tasaki Y, Watanabe T, Miyata K, Yamaguchi T.](#) Related Articles, Links
-  beta-amyloid deposits in transgenic mice expressing human beta-amyloid precursor protein have the same characteristics as those in Alzheimer's disease.
Neuroscience. 2001;104(2):299-310.
PMID: 11377835 [PubMed - indexed for MEDLINE]
- 129:** [Takikawa M, Kamada M, Maegawa M, Yamano S, Irahara M, Aono T, Futaki S, Ohmoto Y, Koide SS.](#) Related Articles, Links
-  Evaluation of two sperm antigens, rSMP-B and YWK-II, as targets for immunocontraception.
Zygote. 2001 May;9(2):145-51.
PMID: 11358321 [PubMed - indexed for MEDLINE]
- 130:** [Nebuloni M, Pellegrinelli A, Ferri A, Bonetto S, Boldorini R, Vago L, Grassi MP, Costanzi G.](#) Related Articles, Links
-  Beta amyloid precursor protein and patterns of HIV p24 immunohistochemistry in different brain areas of AIDS patients.
AIDS. 2001 Mar 30;15(5):571-5.
PMID: 11316993 [PubMed - indexed for MEDLINE]
- 131:** [Englund P, Jacobsson SO, Fowler CJ.](#) Related Articles, Links

-  Investigation into the effects of amyloid (1-42) beta-peptide upon basal and antigen-stimulated hexosaminidase and serotonin release from rat RBL-2H3 basophilic leukemia cells.
Methods Find Exp Clin Pharmacol. 2000 Nov;22(9):657-61.
PMID: 11294005 [PubMed - indexed for MEDLINE]
- 132:** [Papaioannou N, Tooten PC, van Ederen AM, Bohl JR, Rofina J, Tsangaris T, Gruys E.](#) Related Articles, Links
-  Immunohistochemical investigation of the brain of aged dogs. I. Detection of neurofibrillary tangles and of 4-hydroxynonenal protein, an oxidative damage product, in senile plaques.
Amyloid. 2001 Mar;8(1):11-21.
PMID: 11293821 [PubMed - indexed for MEDLINE]
- 133:** [Nguyen TU, Oghalai JS, McGregor DK, Janssen NM, Huston DP.](#) Related Articles, Links
-  Subcutaneous nodular amyloidosis: a case report and review of the literature.
Hum Pathol. 2001 Mar;32(3):346-8. Review.
PMID: 11274647 [PubMed - indexed for MEDLINE]
- 134:** [Ameer GA, Grovender EA, Ploegh H, Ting D, Owen WF, Rupnick M, Langer R.](#) Related Articles, Links
-  A novel immunoabsorption device for removing beta2-microglobulin from whole blood.
Kidney Int. 2001 Apr;59(4):1544-50.
PMID: 11260419 [PubMed - indexed for MEDLINE]
- 135:** [Frenkel D, Kariv N, Solomon B.](#) Related Articles, Links
-  Generation of auto-antibodies towards Alzheimer's disease vaccination.
Vaccine. 2001 Mar 21;19(17-19):2615-9.
PMID: 11257400 [PubMed - indexed for MEDLINE]
- 136:** [Borroni B, Colciaghi F, Pastorino L, Pettenati C, Cottini E, Rozzini L, Monastero R, Lenzi GL, Cattabeni F, Di Luca M, Padovani A.](#) Related Articles, Links
-  Amyloid precursor protein in platelets of patients with Alzheimer disease: effect of acetylcholinesterase inhibitor treatment.
Arch Neurol. 2001 Mar;58(3):442-6.
PMID: 11255448 [PubMed - indexed for MEDLINE]
- 137:** [Rebeck GW, Moir RD, Mui S, Strickland DK, Tanzi RE, Hyman BT.](#) Related Articles, Links
-  Association of membrane-bound amyloid precursor protein APP with the apolipoprotein E receptor LRP.
Brain Res Mol Brain Res. 2001 Mar 5;87(2):238-45.
PMID: 11245926 [PubMed - indexed for MEDLINE]
- 138:** [Hanan E, Goren O, Eshkenazy M, Solomon B.](#) Related Articles, Links
-  Immunomodulation of the human prion peptide 106-126 aggregation.
Biochem Biophys Res Commun. 2001 Jan 12;280(1):115-20.
PMID: 11162487 [PubMed - indexed for MEDLINE]
- 139:** [Holton JL, Ghiso J, Lashley T, Rostagno A, Guerin CJ, Gibb G, Houlden H, Ayling H, Martinian L, Anderton BH, Wood NW, Vidal R, Plant G, Frangione B, Revesz T.](#) Related Articles, Links










-  **Regional distribution of amyloid-Bri deposition and its association with neurofibrillary degeneration in familial British dementia.**
Am J Pathol. 2001 Feb;158(2):515-26.
PMID: 11159188 [PubMed - indexed for MEDLINE]
- 140:** [Inoue K, Takahashi M, Hamamoto Y, Muto M, Ishihara T.](#) [Related Articles, Links](#)
-  **An immunohistochemical study of cytokeratins in skin-limited amyloidosis.**
Amyloid. 2000 Dec;7(4):259-65.
PMID: 11132094 [PubMed - indexed for MEDLINE]
- 141:** [Vanderstichele H, Van Kerschaver E, Hesse C, Davidsson P, Buyse MA, Andreassen N, Minthon L, Wallin A, Blennow K, Vanmechelen E.](#) [Related Articles, Links](#)
-  **Standardization of measurement of beta-amyloid(1-42) in cerebrospinal fluid and plasma.**
Amyloid. 2000 Dec;7(4):245-58.
PMID: 11132093 [PubMed - indexed for MEDLINE]
- 142:** [Seiffert D, Mitchell T, Stern AM, Roach A, Zhan Y, Grzanna R.](#) [Related Articles, Links](#)
-  **Positive-negative epitope-tagging of beta amyloid precursor protein to identify inhibitors of A beta processing.**
Brain Res Mol Brain Res. 2000 Dec 8;84(1-2):115-26.
PMID: 11113538 [PubMed - indexed for MEDLINE]
- 143:** [Redondo C, Damas AM, Olofsson A, Lundgren E, Saraiva MJ.](#) [Related Articles, Links](#)
-  **Search for intermediate structures in transthyretin fibrillogenesis: soluble tetrameric Tyr78Phe TTR expresses a specific epitope present only in amyloid fibrils.**
J Mol Biol. 2000 Dec 1;304(3):461-70.
PMID: 11090287 [PubMed - indexed for MEDLINE]
- 144:** [Takata T, Zhao M, Uchida T, Wang T, Aoki T, Bartlett JD, Nikai H.](#) [Related Articles, Links](#)
-  **Immunohistochemical detection and distribution of enamelysin (MMP-20) in human odontogenic tumors.**
J Dent Res. 2000 Aug;79(8):1608-13.
PMID: 11023283 [PubMed - indexed for MEDLINE]
- 145:** [Hrcic R, Wall J, Wolfenbarger DA, Murphy CL, Schell M, Weiss DT, Solomon A.](#) [Related Articles, Links](#)
-  **Antibody-mediated resolution of light chain-associated amyloid deposits.**
Am J Pathol. 2000 Oct;157(4):1239-46.
PMID: 11021828 [PubMed - indexed for MEDLINE]
- 146:** [Ogawa K, Yamada T, Tsujioka Y, Taguchi J, Takahashi M, Tsuboi Y, Fujino Y, Nakajima M, Yamamoto T, Akatsu H, Mitsui S, Yamaguchi N.](#) [Related Articles, Links](#)
-  **Localization of a novel type trypsin-like serine protease, neurosin, in brain tissues of Alzheimer's disease and Parkinson's disease.**
Psychiatry Clin Neurosci. 2000 Aug;54(4):419-26.
PMID: 10997858 [PubMed - indexed for MEDLINE]
- 147:** [Ma Z, Westermark P, Westermark GT.](#) [Related Articles, Links](#)

-  Amyloid in human islets of Langerhans: immunologic evidence that islet amyloid polypeptide is modified in amyloidogenesis.
Pancreas. 2000 Aug;21(2):212-8.
PMID: 10975716 [PubMed - indexed for MEDLINE]
- 148: [Ishizawa K, Ksiezak-Reding H, Davies P, Delacourte A, Tiseo P, Yen SH, Dickson DW.](#) Related Articles, Links
[Ishizawa K, Ksiezak-Reding H, Davies P, Delacourte A, Tiseo P, Yen SH, Dickson DW.](#)
-  A double-labeling immunohistochemical study of tau exon 10 in Alzheimer's disease, progressive supranuclear palsy and Pick's disease.
Acta Neuropathol (Berl). 2000 Sep;100(3):235-44.
PMID: 10965792 [PubMed - indexed for MEDLINE]
- 149: [Simic G, Lucassen PJ, Krsnik Z, Kruslin B, Kostovic I, Winblad B, Bogdanovi.](#) Related Articles, Links
[Simic G, Lucassen PJ, Krsnik Z, Kruslin B, Kostovic I, Winblad B, Bogdanovi.](#)
-  nNOS expression in reactive astrocytes correlates with increased cell death related DNA damage in the hippocampus and entorhinal cortex in Alzheimer's disease.
Exp Neurol. 2000 Sep;165(1):12-26.
PMID: 10964481 [PubMed - indexed for MEDLINE]
- 150: [Jensen M, Hartmann T, Engvall B, Wang R, Uljon SN, Sennvik K, Naslund J, Muehlhauser F, Nordstedt C, Beyreuther K, Lannfelt L.](#) Related Articles, Links
[Jensen M, Hartmann T, Engvall B, Wang R, Uljon SN, Sennvik K, Naslund J, Muehlhauser F, Nordstedt C, Beyreuther K, Lannfelt L.](#)
-  Quantification of Alzheimer amyloid beta peptides ending at residues 40 and 42 by novel ELISA systems.
Mol Med. 2000 Apr;6(4):291-302.
PMID: 10949910 [PubMed - indexed for MEDLINE]
- 151: [Bellotti V, Mangione P, Merlini G.](#) Related Articles, Links
[Bellotti V, Mangione P, Merlini G.](#)
-  Review: immunoglobulin light chain amyloidosis--the archetype of structural and pathogenic variability.
J Struct Biol. 2000 Jun;130(2-3):280-9. Review.
PMID: 10940232 [PubMed - indexed for MEDLINE]
- 152: [Haars R, Schneider A, Bode M, Schubert W.](#) Related Articles, Links
[Haars R, Schneider A, Bode M, Schubert W.](#)
-  Secretion and differential localization of the proteolytic cleavage products Abeta40 and Abeta42 of the Alzheimer amyloid precursor protein in human fetal myogenic cells.
Eur J Cell Biol. 2000 Jun;79(6):400-6.
PMID: 10928455 [PubMed - indexed for MEDLINE]
- 153: [Ando Y.](#) Related Articles, Links
[Ando Y.](#)
-  [Analyses of amyloid formation mechanism in familial amyloidotic polyneuropathy and therapeutic trial]
Rinsho Byori. 2000 May;48(5):425-9. Review. Japanese.
PMID: 10892290 [PubMed - indexed for MEDLINE]
- 154: [Mancardi G, Hart BA, Capello E, Brok HP, Ben-Nun A, Roccatagliata L, Giunti D, Gazzola P, Dono M, Kerlero de Rosbo N, Colombo M, Uccelli A.](#) Related Articles, Links
[Mancardi G, Hart BA, Capello E, Brok HP, Ben-Nun A, Roccatagliata L, Giunti D, Gazzola P, Dono M, Kerlero de Rosbo N, Colombo M, Uccelli A.](#)
-  Restricted immune responses lead to CNS demyelination and axonal damage.
J Neuroimmunol. 2000 Jul 24;107(2):178-83. Review.
PMID: 10854654 [PubMed - indexed for MEDLINE]
- 155: [Sasaki A, Nakazato Y, Ogawa A, Sugihara S.](#) Related Articles, Links
[Sasaki A, Nakazato Y, Ogawa A, Sugihara S.](#)

-  The immunophenotype of perivascular cells in the human brain.
Pathol Int. 1996 Jan;46(1):15-23.
PMID: 10846545 [PubMed - indexed for MEDLINE]
- 156:** Horsburgh K, Cole GM, Yang F, Savage MJ, Greenberg BD, Gentleman SM, Graham DI, Nicoll JA. Related Articles, Links
beta-amyloid (Abeta)42(43), abeta42, abeta40 and apoE immunostaining of plaques in fatal head injury.
Neuropathol Appl Neurobiol. 2000 Apr;26(2):124-32.
PMID: 10840275 [PubMed - indexed for MEDLINE]
-  beta-amyloid (Abeta)42(43), abeta42, abeta40 and apoE immunostaining of plaques in fatal head injury.
Neuropathol Appl Neurobiol. 2000 Apr;26(2):124-32.
PMID: 10840275 [PubMed - indexed for MEDLINE]
- 157:** Heiser V, Scherzinger E, Boeddrich A, Nordhoff E, Lurz R, Schugardt N, Lehrach H, Wanker EE. Related Articles, Links
Inhibition of huntingtin fibrillogenesis by specific antibodies and small molecules: implications for Huntington's disease therapy.
Proc Natl Acad Sci U S A. 2000 Jun 6;97(12):6739-44.
PMID: 10829068 [PubMed - indexed for MEDLINE]
-  Inhibition of huntingtin fibrillogenesis by specific antibodies and small molecules: implications for Huntington's disease therapy.
Proc Natl Acad Sci U S A. 2000 Jun 6;97(12):6739-44.
PMID: 10829068 [PubMed - indexed for MEDLINE]
- 158:** Baskin F, Rosenberg RN, Iyer L, Hynan L, Cullum CM. Related Articles, Links
Platelet APP isoform ratios correlate with declining cognition in AD.
Neurology. 2000 May 23;54(10):1907-9.
PMID: 10822427 [PubMed - indexed for MEDLINE]
-  Platelet APP isoform ratios correlate with declining cognition in AD.
Neurology. 2000 May 23;54(10):1907-9.
PMID: 10822427 [PubMed - indexed for MEDLINE]
- 159:** Rohn TT, Ivins KJ, Bahr BA, Cotman CW, Cribbs DH. Related Articles, Links
A monoclonal antibody to amyloid precursor protein induces neuronal apoptosis.
J Neurochem. 2000 Jun;74(6):2331-42.
PMID: 10820193 [PubMed - indexed for MEDLINE]
-  A monoclonal antibody to amyloid precursor protein induces neuronal apoptosis.
J Neurochem. 2000 Jun;74(6):2331-42.
PMID: 10820193 [PubMed - indexed for MEDLINE]
- 160:** Friedland RP, Shi J, Lamanna JC, Smith MA, Perry G. Related Articles, Links
Prospects for noninvasive imaging of brain amyloid beta in Alzheimer's disease.
Ann N Y Acad Sci. 2000 Apr;903:123-8.
PMID: 10818497 [PubMed - indexed for MEDLINE]
-  Prospects for noninvasive imaging of brain amyloid beta in Alzheimer's disease.
Ann N Y Acad Sci. 2000 Apr;903:123-8.
PMID: 10818497 [PubMed - indexed for MEDLINE]
- 161:** Cornish R, Blumbergs PC, Manavis J, Scott G, Jones NR, Reilly PL. Related Articles, Links
Topography and severity of axonal injury in human spinal cord trauma using amyloid precursor protein as a marker of axonal injury.
Spine. 2000 May 15;25(10):1227-33.
PMID: 10806498 [PubMed - indexed for MEDLINE]
-  Topography and severity of axonal injury in human spinal cord trauma using amyloid precursor protein as a marker of axonal injury.
Spine. 2000 May 15;25(10):1227-33.
PMID: 10806498 [PubMed - indexed for MEDLINE]
- 162:** Gargiulo L, Bermejo M, Liras A. Related Articles, Links
[Reduced neuronal nitric oxide synthetase and c-protein kinase levels in Alzheimer's disease]
Rev Neurol. 2000 Feb 16-29;30(4):301-3. Spanish.
PMID: 10789135 [PubMed - indexed for MEDLINE]
-  [Reduced neuronal nitric oxide synthetase and c-protein kinase levels in Alzheimer's disease]
Rev Neurol. 2000 Feb 16-29;30(4):301-3. Spanish.
PMID: 10789135 [PubMed - indexed for MEDLINE]
- 163:** Maat-Schieman ML, Yamaguchi H, van Duinen SG, Natte R, Roos RA. Related Articles, Links
Age-related plaque morphology and C-terminal heterogeneity of amyloid beta in Dutch-type hereditary cerebral hemorrhage with amyloidosis.
Acta Neuropathol (Berl). 2000 Apr;99(4):409-19.
PMID: 10787040 [PubMed - indexed for MEDLINE]
-  Age-related plaque morphology and C-terminal heterogeneity of amyloid beta in Dutch-type hereditary cerebral hemorrhage with amyloidosis.
Acta Neuropathol (Berl). 2000 Apr;99(4):409-19.
PMID: 10787040 [PubMed - indexed for MEDLINE]

- 164:** [Van Everbroeck B, Pals P, Dziedzic T, Dom R, Godfraind C, Sciot R, Brucher JM, Martin JJ, Cras P.](#) Related Articles, Links
-  Retrospective study of Creutzfeldt-Jakob disease in Belgium: neuropathological findings.
Acta Neuropathol (Berl). 2000 Apr;99(4):358-64.
PMID: 10787033 [PubMed - indexed for MEDLINE]
- 165:** [Capell A, Steiner H, Romig H, Keck S, Baader M, Grim MG, Baumeister R, Haass C.](#) Related Articles, Links
-  Presenilin-1 differentially facilitates endoproteolysis of the beta-amyloid precursor protein and Notch.
Nat Cell Biol. 2000 Apr;2(4):205-11.
PMID: 10783238 [PubMed - indexed for MEDLINE]
- 166:** [de Haas CJ, van Leeuwen EM, van Bommel T, Verhoef J, van Kessel KP, van Strijp JA.](#) Related Articles, Links
-  Serum amyloid P component bound to gram-negative bacteria prevents lipopolysaccharide-mediated classical pathway complement activation.
Infect Immun. 2000 Apr;68(4):1753-9.
PMID: 10722560 [PubMed - indexed for MEDLINE]
- 167:** [Yoshiyama Y, Asahina M, Hattori T.](#) Related Articles, Links
-  Selective distribution of matrix metalloproteinase-3 (MMP-3) in Alzheimer's disease brain.
Acta Neuropathol (Berl). 2000 Feb;99(2):91-5.
PMID: 10672313 [PubMed - indexed for MEDLINE]
- 168:** [Yoo BC, Seidl R, Cairns N, Lubec G.](#) Related Articles, Links
-  Heat-shock protein 70 levels in brain of patients with Down syndrome and Alzheimer's disease.
J Neural Transm Suppl. 1999;57:315-22.
PMID: 10666686 [PubMed - indexed for MEDLINE]
- 169:** [Nakagawa T, Kabuto M, Kubota T, Kodera T, Sato K.](#) Related Articles, Links
-  Production of amyloid beta protein precursor as a proteinase inhibitor by human astrocytic tumors.
Anticancer Res. 1999 Jul-Aug;19(4B):2963-8.
PMID: 10652580 [PubMed - indexed for MEDLINE]
- 170:** [Yasuda M, Maeda S, Kawamata T, Tamaoka A, Yamamoto Y, Kuroda S, Maeda K, Tanaka C.](#) Related Articles, Links
-  Novel presenilin-1 mutation with widespread cortical amyloid deposition but limited cerebral amyloid angiopathy.
J Neurol Neurosurg Psychiatry. 2000 Feb;68(2):220-3.
PMID: 10644793 [PubMed - indexed for MEDLINE]
- 171:** [Taniyama H, Yamamoto S, Sako T, Hirayama K, Higuchi H, Nagahata H.](#) Related Articles, Links
-  Systemic kappaAL amyloidosis associated with bovine leukocyte adhesion deficiency.
Vet Pathol. 2000 Jan;37(1):98-100.
PMID: 10643989 [PubMed - indexed for MEDLINE]
- 172:** [Jung SS, Gauthier S, Cashman NR.](#) Related Articles, Links

Beta-amyloid precursor protein is detectable on monocytes and is

-  increased in Alzheimer's disease.
Neurobiol Aging. 1999 May-Jun;20(3):249-57.
PMID: 10588572 [PubMed - indexed for MEDLINE]
- 173:** [Kleinman RM, Fagan SP, Ray MK, Adrian TE, Wong H, Imagawa D, Walsh JH, Brunnicardi FC.](#) Related Articles, Links
Differential inhibition of insulin and islet amyloid polypeptide secretion by intraislet somatostatin in the isolated perfused human pancreas.
Pancreas. 1999 Nov;19(4):346-52.
PMID: 10547194 [PubMed - indexed for MEDLINE]
- 
- 174:** [Taylor SC, Batten TF, Peers C.](#) Related Articles, Links
Hypoxic enhancement of quantal catecholamine secretion. Evidence for the involvement of amyloid beta-peptides.
J Biol Chem. 1999 Oct 29;274(44):31217-22.
PMID: 10531316 [PubMed - indexed for MEDLINE]
- 
- 175:** [Lippa CF, Ozawa K, Mann DM, Ishii K, Smith TW, Arawaka S, Mori H.](#) Related Articles, Links
Deposition of beta-amyloid subtypes 40 and 42 differentiates dementia with Lewy bodies from Alzheimer disease.
Arch Neurol. 1999 Sep;56(9):1111-8.
PMID: 10488812 [PubMed - indexed for MEDLINE]
- 
- 176:** [Lin H, Zhu YJ, Lal R.](#) Related Articles, Links
Amyloid beta protein (1-40) forms calcium-permeable, Zn²⁺-sensitive channel in reconstituted lipid vesicles.
Biochemistry. 1999 Aug 24;38(34):11189-96.
PMID: 10460176 [PubMed - indexed for MEDLINE]
- 
- 177:** [Kaur B, Ruttly GN, Timperley WR.](#) Related Articles, Links
The possible role of hypoxia in the formation of axonal bulbs.
J Clin Pathol. 1999 Mar;52(3):203-9.
PMID: 10450180 [PubMed - indexed for MEDLINE]
- 
- 178:** [Kurt MA, Davies DC, Kidd M.](#) Related Articles, Links
beta-Amyloid immunoreactivity in astrocytes in Alzheimer's disease brain biopsies: an electron microscope study.
Exp Neurol. 1999 Jul;158(1):221-8.
PMID: 10448435 [PubMed - indexed for MEDLINE]
- 
- 179:** [Ginsberg SD, Galvin JE, Lee VM, Rorke LB, Dickson DW, Wolfe JH, Jones MZ, Trojanowski JQ.](#) Related Articles, Links
Accumulation of intracellular amyloid-beta peptide (A beta 1-40) in mucopolysaccharidosis brains.
J Neuropathol Exp Neurol. 1999 Aug;58(8):815-24.
PMID: 10446806 [PubMed - indexed for MEDLINE]
- 
- 180:** [Wang J, Dickson DW, Trojanowski JQ, Lee VM.](#) Related Articles, Links
The levels of soluble versus insoluble brain Abeta distinguish Alzheimer's disease from normal and pathologic aging.
Exp Neurol. 1999 Aug;158(2):328-37.
PMID: 10415140 [PubMed - indexed for MEDLINE]
- 
- 181:** [Charles P, Elliott MJ, Davis D, Potter A, Kalden JR, Antoni C, Breedveld FC, Smolen JS, Eberl G, deWoody K, Feldmann M.](#) Related Articles, Links

Maini RN.

Regulation of cytokines, cytokine inhibitors, and acute-phase proteins following anti-TNF-alpha therapy in rheumatoid arthritis.

J Immunol. 1999 Aug 1;163(3):1521-8.

PMID: 10415055 [PubMed - indexed for MEDLINE]

- 182:** Schadlich H, Ermann J, Biskop M, Falk W, Sperling F, Jungel A, Lehmann J, Emmrich F, Sack U. Related Articles, Links



Anti-inflammatory effects of systemic anti-tumour necrosis factor alpha treatment in human/murine SCID arthritis.

Ann Rheum Dis. 1999 Jul;58(7):428-34.

PMID: 10381487 [PubMed - indexed for MEDLINE]

- 183:** Yuan H, Zhai P, Anderson LM, Pan J, Thimmapaya B, Koo EH, Marquez-Sterling NR. Related Articles, Links



Recombinant adenovirus is an appropriate vector for endocytotic protein trafficking studies in cultured neurons.

J Neurosci Methods. 1999 Apr 1;88(1):45-54.

PMID: 10379578 [PubMed - indexed for MEDLINE]

- 184:** Takahashi M, Tsujioka Y, Yamada T, Tsuboi Y, Okada H, Yamamoto T, Liposits Z. Related Articles, Links



Glycosylation of microtubule-associated protein tau in Alzheimer's disease brain.

Acta Neuropathol (Berl). 1999 Jun;97(6):635-41.

PMID: 10378383 [PubMed - indexed for MEDLINE]

- 185:** Hazenbergh BP, Limburg PC, Bijzet J, van Rijswijk MH. Related Articles, Links



A quantitative method for detecting deposits of amyloid A protein in aspirated fat tissue of patients with arthritis.

Ann Rheum Dis. 1999 Feb;58(2):96-102.

PMID: 10343524 [PubMed - indexed for MEDLINE]

- 186:** Diehlmann A, Ida N, Weggen S, Grunberg J, Haass C, Masters CL, Bayer TA, Beyreuther K. Related Articles, Links



Analysis of presenilin 1 and presenilin 2 expression and processing by newly developed monoclonal antibodies.

J Neurosci Res. 1999 May 15;56(4):405-19.

PMID: 10340748 [PubMed - indexed for MEDLINE]

- 187:** Ohsawa I, Takamura C, Morimoto T, Ishiguro M, Kohsaka S. Related Articles, Links



Amino-terminal region of secreted form of amyloid precursor protein stimulates proliferation of neural stem cells.

Eur J Neurosci. 1999 Jun;11(6):1907-13.

PMID: 10336659 [PubMed - indexed for MEDLINE]

- 188:** Johnson G, Moore SW. Related Articles, Links












The adhesion function on acetylcholinesterase is located at the peripheral anionic site.









Biochem Biophys Res Commun. 1999 May 19;258(3):758-62.

PMID: 10329459 [PubMed - indexed for MEDLINE]

- 189:** Abraham CR, Marshall DC, Tibbles HE, Otto K, Long HJ, Billingslea AM, Hasteley R, Johnson R, Fine RE, Smith SJ, Simons ER, Davies TA. Related Articles, Links

Platelets and DAMI megakaryocytes possess beta-secretase-like activity.

-  J Lab Clin Med. 1999 May;133(5):507-15.
PMID: 10235134 [PubMed - indexed for MEDLINE]
- 190:** [Frenkel D, Balass M, Katchalski-Katzir E, Solomon B.](#) Related Articles, Links
 High affinity binding of monoclonal antibodies to the sequential epitope EFRH of beta-amyloid peptide is essential for modulation of fibrillar aggregation.
J Neuroimmunol. 1999 Mar 1;95(1-2):136-42.
PMID: 10229123 [PubMed - indexed for MEDLINE]
- 191:** [Buee L.](#) Related Articles, Links
 [Cerebrovascular aging]
Therapie. 1999 Jan-Feb;54(1):155-65. Review. French.
PMID: 10216439 [PubMed - indexed for MEDLINE]
- 192:** [Arai T, Akiyama H, Ikeda K, Kondo H, Mori H.](#) Related Articles, Links
 Immunohistochemical localization of amyloid beta-protein with amino-terminal aspartate in the cerebral cortex of patients with Alzheimer's disease.
Brain Res. 1999 Mar 27;823(1-2):202-6.
PMID: 10095028 [PubMed - indexed for MEDLINE]
- 193:** [Goldsteins G, Persson H, Andersson K, Olofsson A, Dacklin I, Edvinsson A, Saraiva MJ, Lundgren E.](#) Related Articles, Links
 Exposure of cryptic epitopes on transthyretin only in amyloid and in amyloidogenic mutants.
Proc Natl Acad Sci U S A. 1999 Mar 16;96(6):3108-13.
PMID: 10077645 [PubMed - indexed for MEDLINE]
- 194:** [Egensperger R, Weggen S, Ida N, Multhaup G, Schnabel R, Beyreuther K, Bayer TA.](#) Related Articles, Links
 Reverse relationship between beta-amyloid precursor protein and beta-amyloid peptide plaques in Down's syndrome versus sporadic/familial Alzheimer's disease.
Acta Neuropathol (Berl). 1999 Feb;97(2):113-8.
PMID: 9928821 [PubMed - indexed for MEDLINE]
- 195:** [Enya M, Morishima-Kawashima M, Yoshimura M, Shinkai Y, Kusui K, Khan K, Games D, Schenk D, Sugihara S, Yamaguchi H, Ihara Y.](#) Related Articles, Links
 Appearance of sodium dodecyl sulfate-stable amyloid beta-protein (Abeta) dimer in the cortex during aging.
Am J Pathol. 1999 Jan;154(1):271-9.
PMID: 9916941 [PubMed - indexed for MEDLINE]
- 196:** [Wada A, Yamada T, Itoh Y, Itoh K.](#) Related Articles, Links
 [Sensitive enzyme-linked immunosorbent assay for human serum amyloid A (SAA) and application to clearance study]
Rinsho Byori. 1998 Dec;46(12):1252-7. Japanese.
PMID: 9916513 [PubMed - indexed for MEDLINE]
- 197:** [Baum L, Ng HK.](#) Related Articles, Links
 A new kind of Alzheimer's disease plaque.
Adv Anat Pathol. 1998 May;5(3):170-4. Review. No abstract available.
PMID: 9868523 [PubMed - indexed for MEDLINE]

- 198:** [Russo C, Angelini G, Dapino D, Piccini A, Piombo G, Schettini G, Chen S, Teller JK, Zaccheo D, Gambetti P, Tabaton M.](#) Related Articles, Links
 Opposite roles of apolipoprotein E in normal brains and in Alzheimer's disease.
 Proc Natl Acad Sci U S A. 1998 Dec 22;95(26):15598-602.
 PMID: 9861015 [PubMed - indexed for MEDLINE]
- 199:** [Rossner S, Ueberham U, Schliebs R, Perez-Polo JR, Bigl V.](#) Related Articles, Links
 Neurotrophin binding to the p75 neurotrophin receptor is necessary but not sufficient to mediate NGF-effects on APP secretion in PC-12 cells.
 J Neural Transm Suppl. 1998;54:279-85.
 PMID: 9850936 [PubMed - indexed for MEDLINE]
- 200:** [Bigl V, Schliebs R.](#) Related Articles, Links
 Simulation of cortical cholinergic deficits--a novel experimental approach to study pathogenetic aspects of Alzheimer's disease.
 J Neural Transm Suppl. 1998;54:237-47. Review.
 PMID: 9850932 [PubMed - indexed for MEDLINE]
- 201:** [Kayser K, Biechele U, Kayser G, Dienemann H, Andre S, Bovin NV, Gabius HJ.](#) Related Articles, Links
 Pulmonary metastases of breast carcinomas: ligandohistochemical, nuclear, and structural analysis of primary and metastatic tumors with emphasis on period of occurrence of metastases and survival.
 J Surg Oncol. 1998 Nov;69(3):137-46.
 PMID: 9846499 [PubMed - indexed for MEDLINE]
- 202:** [Atiya AW, Moldovan S, Adrian TE, Coy D, Walsh J, Brunicardi FC.](#) Related Articles, Links
 Intraislet Somatostatin Inhibits Insulin (Via a Subtype-2 Somatostatin Receptor) But Not Islet Amyloid Polypeptide Secretion in the Isolated Perfused Human Pancreas.
 J Gastrointest Surg. 1997 May;1(3):251-256.
 PMID: 9834355 [PubMed - as supplied by publisher]
- 203:** [Hidaka M, Ohsawa I, Endo M, Fujita T, Ohi H, Kanmatsuse K, Kusumi Y, Yamaguchi Y.](#) Related Articles, Links
 [Beneficial effect of salazosulfapyridine (SASP) in a patient with secondary renal amyloidosis]
 Nippon Jinzo Gakkai Shi. 1998 Sep;40(7):555-9. Japanese.
 PMID: 9805922 [PubMed - indexed for MEDLINE]
- 204:** [Nandi A, Suguna K, Surolia A, Visweswariah SS.](#) Related Articles, Links
 Topological mimicry and epitope duplication in the guanylyl cyclase C receptor.
 Protein Sci. 1998 Oct;7(10):2175-83.
 PMID: 9792105 [PubMed - indexed for MEDLINE]
- 205:** [Longanesi L, Cavallini GM, Iammarino A, Vaccina F, Guerra R, De Pol A.](#) Related Articles, Links
 Ultrastructural localization of gelsolin in lattice corneal dystrophy type I.
 Ophthalmologica. 1998;212(6):415-21.
 PMID: 9787234 [PubMed - indexed for MEDLINE]
- 206:** [Le Brocque D, Henry A, Cappai R, Li QX, Tanner JE, Galatis D, Gray C, Holmes S, Underwood JR, Beyreuther K, Masters](#) Related Articles, Links

CL, Evin G.



Processing of the Alzheimer's disease amyloid precursor protein in *Pichia pastoris*: immunodetection of alpha-, beta-, and gamma-secretase products.

Biochemistry. 1998 Oct 20;37(42):14958-65.
PMID: 9778373 [PubMed - indexed for MEDLINE]

207: McRae A, Ling EA, Schubert P, Rudolphi K. Related Articles, Links



Properties of activated microglia and pharmacologic interference by propentofylline.

Alzheimer Dis Assoc Disord. 1998;12 Suppl 2:S15-20.
PMID: 9769025 [PubMed - indexed for MEDLINE]

208: Ono S, Matsuno S, Shimizu N, Shoji S, Tamaoka A. Related Articles, Links



Amyloid beta protein in skin of patients with amyotrophic lateral sclerosis.

Lancet. 1998 Mar 28;351(9107):956-7. No abstract available.
PMID: 9734946 [PubMed - indexed for MEDLINE]

209: Mizuno T, Haass C, Michikawa M, Yanagisawa K. Related Articles, Links



Cholesterol-dependent generation of a unique amyloid beta-protein from apically missorted amyloid precursor protein in MDCK cells.

Biochim Biophys Acta. 1998 Aug 14;1373(1):119-30.
PMID: 9733943 [PubMed - indexed for MEDLINE]

210: Hock C, Golombowski S, Muller-Spahn F, Peschel O, Riederer A, Probst A, Mandelkow E, Unger J. Related Articles, Links



Histological markers in nasal mucosa of patients with Alzheimer's disease.

Eur Neurol. 1998 Jul;40(1):31-6.
PMID: 9693230 [PubMed - indexed for MEDLINE]

211: Su Y, Ni B. Related Articles, Links



Selective deposition of amyloid-beta protein in the entorhinal-dentate projection of a transgenic mouse model of Alzheimer's disease.

J Neurosci Res. 1998 Jul 15;53(2):177-86.
PMID: 9671974 [PubMed - indexed for MEDLINE]

212: Wheeler PR, Raynes JG, O'Sullivan GM, Duggan D, McAdam KP. Related Articles, Links



Sulphatide-binding properties are shared by serum amyloid P component and a polyreactive germ-line IgM autoantibody, the TH3 idiotype.

Clin Exp Immunol. 1998 May;112(2):262-9.
PMID: 9649189 [PubMed - indexed for MEDLINE]

213: Tamaoka A. Related Articles, Links



[Characterization of amyloid beta protein species in the plasma, cerebrospinal fluid and brains of patients with Alzheimer's disease]

Nippon Ronen Igakkai Zasshi. 1998 Apr;35(4):273-7. Japanese.
PMID: 9643008 [PubMed - indexed for MEDLINE]

214: Meckelein B, Marshall DC, Conn KJ, Pietropaolo M, Van Nostrand W, Abraham CR. Related Articles, Links



Identification of a novel serine protease-like molecule in human brain.

Brain Res Mol Brain Res. 1998 Apr;55(2):181-97.

PMID: 9582421 [PubMed - indexed for MEDLINE]

- 215:** [Nakamura Y, Yamamoto M, Kumamaru E.](#) Related Articles, Links



A variant very low density lipoprotein receptor lacking 84 base pairs of O-linked sugar domain in the human brain myelin.

Brain Res. 1998 May 18;793(1-2):47-53.
PMID: 9630508 [PubMed - indexed for MEDLINE]

- 216:** [Villoutreix BO, Hardig Y, Wallqvist A, Covell DG, Garcia de Frutos P, Dahlback B.](#) Related Articles, Links



Structural investigation of C4b-binding protein by molecular modeling: localization of putative binding sites.

Proteins. 1998 Jun 1;31(4):391-405.
PMID: 9626699 [PubMed - indexed for MEDLINE]

- 217:** [Yamada T, Itoh Y.](#) Related Articles, Links



[Epitope analysis of anti-serum protein antibodies and its application for amyloidosis research]

Rinsho Byori. 1998 May;46(5):456-60. Review. Japanese.
PMID: 9627497 [PubMed - indexed for MEDLINE]

- 218:** [Rhee SK, Quist AP, Lal R.](#) Related Articles, Links



Amyloid beta protein-(1-42) forms calcium-permeable, Zn²⁺-sensitive channel.

J Biol Chem. 1998 May 29;273(22):13379-82.
PMID: 9593665 [PubMed - indexed for MEDLINE]

- 219:** [Nakabayashi J, Yoshimura M, Morishima-Kawashima M, Funato H, Miyakawa T, Yamazaki T, Ihara Y.](#) Related Articles, Links



Amyloid beta-protein (A beta) accumulation in the putamen and mammillary body during aging and in Alzheimer disease.

J Neuropathol Exp Neurol. 1998 Apr;57(4):343-52.
PMID: 9600228 [PubMed - indexed for MEDLINE]

- 220:** [Honda S, Itoh F, Yoshimoto M, Hinoda Y, Imai K.](#) Related Articles, Links



Changes in morphology of neuroblastoma cells treated with all-trans retinoic acid combined with transfer of the C-terminal region of the amyloid precursor protein.

J Clin Lab Anal. 1998;12(3):172-8.
PMID: 9591705 [PubMed - indexed for MEDLINE]

- 221:** [Honda M, Akiyama H, Yamada Y, Kondo H, Kawabe Y, Takeya M, Takahashi K, Suzuki H, Doi T, Sakamoto A, Ookawara S, Mato M, Gough PJ, Greaves DR, Gordon S, Kodama T, Matsushita M.](#) Related Articles, Links



Immunohistochemical evidence for a macrophage scavenger receptor in Mato cells and reactive microglia of ischemia and Alzheimer's disease.









Biochem Biophys Res Commun. 1998 Apr 28;245(3):734-40.
PMID: 9588184 [PubMed - indexed for MEDLINE]










- 222:** [Camussi G, Lupia E.](#) Related Articles, Links



















The future role of anti-tumour necrosis factor (TNF) products in the treatment of rheumatoid arthritis.









Drugs. 1998 May;55(5):613-20. Review.
PMID: 9585859 [PubMed - indexed for MEDLINE]










- 223:** [Yamada T, Hirano N, Kuroda T, Okuda Y, Itoh Y.](#) Related Articles, Links
 Generation and characterization of rat monoclonal antibodies against human serum amyloid A.
 Scand J Immunol. 1997 Aug;46(2):175-9.
 PMID: 9583998 [PubMed - indexed for MEDLINE]
- 224:** [Rossner S.](#) Related Articles, Links
 Cholinergic immunolesions by 192IgG-saporin--useful tool to simulate pathogenic aspects of Alzheimer's disease.
 Int J Dev Neurosci. 1997 Nov;15(7):835-50. Review.
 PMID: 9568532 [PubMed - indexed for MEDLINE]
- 225:** [Yanagisawa K, Ihara Y.](#) Related Articles, Links
 GM1 ganglioside-bound amyloid beta-protein in Alzheimer's disease brain.
 Neurobiol Aging. 1998 Jan-Feb;19(1 Suppl):S65-7.
 PMID: 9562471 [PubMed - indexed for MEDLINE]
- 226:** [Hamidi Asl K, Liepnieks JJ, Bihle R, Benson MD.](#) Related Articles, Links
 Local synthesis of amyloid fibril precursor in AL amyloidosis of the urinary tract.
 Amyloid. 1998 Mar;5(1):49-54.
 PMID: 9547006 [PubMed - indexed for MEDLINE]
- 227:** [Zheng-Fischhofer O, Biernat J, Mandelkow EM, Illenberger S, Godemann R, Mandelkow E.](#) Related Articles, Links
 Sequential phosphorylation of Tau by glycogen synthase kinase-3beta and protein kinase A at Thr212 and Ser214 generates the Alzheimer-specific epitope of antibody AT100 and requires a paired-helical-filament-like conformation.
 Eur J Biochem. 1998 Mar 15;252(3):542-52.
 PMID: 9546672 [PubMed - indexed for MEDLINE]
- 228:** [Schulze C, Brugmann M, Boer M, Brandt HP, Pohlenz J, Linke RP.](#) Related Articles, Links
 Generalized AA-amyloidosis in Siberian tigers (*Panthera tigris altaica*) with predominant renal medullary amyloid deposition.
 Vet Pathol. 1998 Jan;35(1):70-4.
 PMID: 9545138 [PubMed - indexed for MEDLINE]
- 229:** [Riedstra S, Ferreira JP, Costa PM.](#) Related Articles, Links
 Study of an anti-human transthyretin immunoabsorbent. Influence of coupling chemistry on binding capacity and ligand leakage.
 J Chromatogr B Biomed Sci Appl. 1998 Feb 13;705(2):213-22.
 PMID: 9521557 [PubMed - indexed for MEDLINE]
- 230:** [Dwork AJ, Liu D, Kaufman MA, Prohovnik I.](#) Related Articles, Links
 Archival, formalin-fixed tissue: its use in the study of Alzheimer's type changes.
 Clin Neuropathol. 1998 Jan-Feb;17(1):45-9.
 PMID: 9496540 [PubMed - indexed for MEDLINE]
- 231:** [Nagai A, Kobayashi S, Shimode K, Imaoka K, Umegae N, Fujihara S, Nakamura M.](#) Related Articles, Links

-  No mutations in cystatin C gene in cerebral amyloid angiopathy with cystatin C deposition.
Mol Chem Neuropathol. 1998 Jan;33(1):63-78.
PMID: 9493177 [PubMed - indexed for MEDLINE]
- 232:** [Kobayashi K, Muramori F, Aoki T, Hayashi M, Miyazu K, Fukutani Y, Mukai M, Koshino F.](#) Related Articles, Links
-  KP-1 is a marker for extraneuronal neurofibrillary tangles and senile plaques in Alzheimer diseased brains.
Dement Geriatr Cogn Disord. 1998 Jan-Feb;9(1):13-9.
PMID: 9469259 [PubMed - indexed for MEDLINE]
- 233:** [Aronica E, Dickson DW, Kress Y, Morrison JH, Zukin RS.](#) Related Articles, Links
-  Non-plaque dystrophic dendrites in Alzheimer hippocampus: a new pathological structure revealed by glutamate receptor immunocytochemistry.
Neuroscience. 1998 Feb;82(4):979-91.
PMID: 9466422 [PubMed - indexed for MEDLINE]
- 234:** [Schultz C, Koppers D, Braak H, Braak E.](#) Related Articles, Links
-  Cytoskeletal alterations in the aged human neurohypophysis.
Neurosci Lett. 1997 Nov 21;237(2-3):93-6.
PMID: 9453223 [PubMed - indexed for MEDLINE]
- 235:** [Yanagisawa K, McLaurin J, Michikawa M, Chakrabarty A, Ihara Y.](#) Related Articles, Links
-  Amyloid beta-protein (A beta) associated with lipid molecules: immunoreactivity distinct from that of soluble A beta.
FEBS Lett. 1997 Dec 22;420(1):43-6.
PMID: 9450547 [PubMed - indexed for MEDLINE]
- 236:** [Thal DR, Schober R, Birkenmeier G.](#) Related Articles, Links
-  The subunits of alpha2-macroglobulin receptor/low density lipoprotein receptor-related protein, native and transformed alpha2-macroglobulin and interleukin 6 in Alzheimer's disease.
Brain Res. 1997 Nov 28;777(1-2):223-7.
PMID: 9449432 [PubMed - indexed for MEDLINE]
- 237:** [Xu N, Dahlback B, Ohlin AK, Nilsson A.](#) Related Articles, Links
-  Association of vitamin K-dependent coagulation proteins and C4b binding protein with triglyceride-rich lipoproteins of human plasma.
Arterioscler Thromb Vasc Biol. 1998 Jan;18(1):33-9.
PMID: 9445253 [PubMed - indexed for MEDLINE]
- 238:** [Muller TF, Grebe SO, Neumann MC, Heymanns J, Radsak K, Sprenger H, Lange H.](#) Related Articles, Links
-  Persistent long-term changes in lymphocyte subsets induced by polyclonal antibodies.
Transplantation. 1997 Nov 27;64(10):1432-7.
PMID: 9392307 [PubMed - indexed for MEDLINE]
- 239:** [Walker LC.](#) Related Articles, Links
-  Animal models of cerebral beta-amyloid angiopathy.
Brain Res Brain Res Rev. 1997 Sep 30;25(1):70-84. Review.
PMID: 9370051 [PubMed - indexed for MEDLINE]

- 240:** [Aizawa Y, Fukatsu R, Takamaru Y, Tsuzuki K, Chiba H, Kobayashi K, Fujii N, Takahata N.](#) Related Articles, Links
-  Amino-terminus truncated apolipoprotein E is the major species in amyloid deposits in Alzheimer's disease-affected brains: a possible role for apolipoprotein E in Alzheimer's disease.
Brain Res. 1997 Sep 12;768(1-2):208-14.
PMID: 9369317 [PubMed - indexed for MEDLINE]
- 241:** [Lahiri DK, Farlow MR, Sambamurti K, Nall C.](#) Related Articles, Links
-  The effect of tacrine and leupeptin on the secretion of the beta-amyloid precursor protein in HeLa cells.
Life Sci. 1997;61(20):1985-92.
PMID: 9366505 [PubMed - indexed for MEDLINE]
- 242:** [Stoppini M, Bellotti V, Mangione P, Merlini G, Ferri G.](#) Related Articles, Links
-  Use of anti-(beta2 microglobulin) mAb to study formation of amyloid fibrils.
Eur J Biochem. 1997 Oct 1;249(1):21-6.
PMID: 9363749 [PubMed - indexed for MEDLINE]
- 243:** [Maury CP, Sletten K, Totty N, Kangas H, Liljestrom M.](#) Related Articles, Links
-  Identification of the circulating amyloid precursor and other gelsolin metabolites in patients with G654A mutation in the gelsolin gene (Finnish familial amyloidosis): pathogenetic and diagnostic implications.
Lab Invest. 1997 Oct;77(4):299-304.
PMID: 9354764 [PubMed - indexed for MEDLINE]
- 244:** [Lahiri DK, Farlow MR, Nurnberger JI Jr, Greig NH.](#) Related Articles, Links
-  Effects of cholinesterase inhibitors on the secretion of beta-amyloid precursor protein in cell cultures.
Ann N Y Acad Sci. 1997 Sep 26;826:416-21.
PMID: 9329715 [PubMed - indexed for MEDLINE]
- 245:** [Lekakis J, Dimopoulos M, Nanas J, Prassopoulos V, Agapitos N, Alexopoulos G, Palazis L, Kostamis P, Stamatelopoulos S, Mouloupoulos S.](#) Related Articles, Links
-  Antimyosin scintigraphy for detection of cardiac amyloidosis.
Am J Cardiol. 1997 Oct 1;80(7):963-5.
PMID: 9382020 [PubMed - indexed for MEDLINE]
- 246:** [Friedland RP, Kalaria R, Berridge M, Miraldi F, Hedera P, Reno J, Lyle L, Marotta CA.](#) Related Articles, Links
-  Neuroimaging of vessel amyloid in Alzheimer's disease.
Ann N Y Acad Sci. 1997 Sep 26;826:242-7.
PMID: 9329695 [PubMed - indexed for MEDLINE]
- 247:** [Buee L, Hof PR, Delacourte A.](#) Related Articles, Links
-  Brain microvascular changes in Alzheimer's disease and other dementias.
Ann N Y Acad Sci. 1997 Sep 26;826:7-24. Review.
PMID: 9329677 [PubMed - indexed for MEDLINE]
- 248:** [Shea TB, Prabhakar S, Ekinci FJ.](#) Related Articles, Links

-  **Beta-amyloid and ionophore A23187 evoke tau hyperphosphorylation by distinct intracellular pathways: differential involvement of the calpain/protein kinase C system.**
J Neurosci Res. 1997 Sep 15;49(6):759-68.
PMID: 9335263 [PubMed - indexed for MEDLINE]
- 249:** Culvenor JG, Maher F, Evin G, Malchiodi-Albedi F, Cappai R, Underwood JR, Davis JB, Karran EH, Roberts GW, Beyreuther K, Masters CL. Related Articles, Links
-  **Alzheimer's disease-associated presenilin 1 in neuronal cells: evidence for localization to the endoplasmic reticulum-Golgi intermediate compartment.**
J Neurosci Res. 1997 Sep 15;49(6):719-31.
PMID: 9335259 [PubMed - indexed for MEDLINE]
- 250:** Van Molle W, Libert C, Fiers W, Brouckaert P. Related Articles, Links
-  **Alpha 1-acid glycoprotein and alpha 1-antitrypsin inhibit TNF-induced but not anti-Fas-induced apoptosis of hepatocytes in mice.**
J Immunol. 1997 Oct 1;159(7):3555-64.
PMID: 9317155 [PubMed - indexed for MEDLINE]
- 251:** Wu D, Yang J, Partridge WM. Related Articles, Links
-  **Drug targeting of a peptide radiopharmaceutical through the primate blood-brain barrier in vivo with a monoclonal antibody to the human insulin receptor.**
J Clin Invest. 1997 Oct 1;100(7):1804-12.
PMID: 9312181 [PubMed - indexed for MEDLINE]
- 252:** Hamano T, Yoshimura M, Yamazaki T, Shinkai Y, Yanagisawa K, Kuriyama M, Ihara Y. Related Articles, Links
-  **Amyloid beta-protein (A beta) accumulation in the leptomeninges during aging and in Alzheimer disease.**
J Neuropathol Exp Neurol. 1997 Aug;56(8):922-32.
PMID: 9258262 [PubMed - indexed for MEDLINE]
- 253:** Cutler P, Brown F, Camilleri P, Carpenter D, George A, Gray C, Haran M, Stewart B. Related Articles, Links
-  **The recognition of haemoglobin by antibodies raised for the immunoassay of beta-amyloid.**
FEBS Lett. 1997 Jul 28;412(2):341-5.
PMID: 9256248 [PubMed - indexed for MEDLINE]
- 254:** Hershkoviz R, Preciado-Patt L, Lider O, Fridkin M, Dastyh J, Metcalfe DD, Mekori YA. Related Articles, Links
-  **Extracellular matrix-anchored serum amyloid A preferentially induces mast cell adhesion.**
Am J Physiol. 1997 Jul;273(1 Pt 1):C179-87.
PMID: 9252455 [PubMed - indexed for MEDLINE]
- 255:** Ma Z, Westermark GT, Li ZC, Engstrom U, Westermark P. Related Articles, Links
-  **Altered immunoreactivity of islet amyloid polypeptide (IAPP) may reflect major modifications of the IAPP molecule in amyloidogenesis.**
Diabetologia. 1997 Jul;40(7):793-801.
PMID: 9243100 [PubMed - indexed for MEDLINE]
- 256:** Schmidt ML, Lee VM, Forman M, Chiu TS, Trojanowski JQ. Related Articles, Links

-  Monoclonal antibodies to a 100-kd protein reveal abundant A beta-negative plaques throughout gray matter of Alzheimer's disease brains. *Am J Pathol.* 1997 Jul;151(1):69-80. PMID: 9212733 [PubMed - indexed for MEDLINE]
- 257:** [Dickson DW.](#) Related Articles, Links
-  Discovery of new lesions in neurodegenerative diseases with monoclonal antibody techniques: is there a non-amyloid precursor to senile plaques? *Am J Pathol.* 1997 Jul;151(1):7-11. Review. PMID: 9212725 [PubMed - indexed for MEDLINE]
- 258:** [Gomez-Isla T, Wasco W, Pettingell WP, Gurubhagavatula S, Schmidt SD, Jondro PD, McNamara M, Rodes LA, DiBlasi T, Growdon WB, Seubert P, Schenk D, Growdon JH, Hyman BT, Tanzi RE.](#) Related Articles, Links
-  A novel presenilin-1 mutation: increased beta-amyloid and neurofibrillary changes. *Ann Neurol.* 1997 Jun;41(6):809-13. PMID: 9189043 [PubMed - indexed for MEDLINE]
- 259:** [Kim KS, Wegiel J, Sapienza V, Chen J, Hong H, Wisniewski HM.](#) Related Articles, Links
-  Immunoreactivity of presenilin-1 in human, rat and mouse brain. *Brain Res.* 1997 May 16;757(1):159-63. PMID: 9200512 [PubMed - indexed for MEDLINE]
- 260:** [Ghiso J, Calero M, Matsubara E, Governale S, Chuba J, Beavis R, Wisniewski T, Frangione B.](#) Related Articles, Links
-  Alzheimer's soluble amyloid beta is a normal component of human urine. *FEBS Lett.* 1997 May 12;408(1):105-8. PMID: 9180278 [PubMed - indexed for MEDLINE]
- 261:** [Sasaki A, Iijima M, Yokoo H, Shoji M, Nakazato Y.](#) Related Articles, Links
-  Human choroid plexus is an uniquely involved area of the brain in amyloidosis: a histochemical, immunohistochemical and ultrastructural study. *Brain Res.* 1997 May 2;755(2):193-201. PMID: 9175887 [PubMed - indexed for MEDLINE]
- 262:** [Elliott MJ, Woo P, Charles P, Long-Fox A, Woody JN, Maini RN.](#) Related Articles, Links
-  Suppression of fever and the acute-phase response in a patient with juvenile chronic arthritis treated with monoclonal antibody to tumour necrosis factor-alpha (cA2). *Br J Rheumatol.* 1997 May;36(5):589-93. PMID: 9189062 [PubMed - indexed for MEDLINE]
- 263:** [Takamatsu J, Kimura T, Kondo A, Iwatsubo T.](#) Related Articles, Links
-  Subpial amyloid plaques in the cerebellum in a case of Alzheimer's disease. *Dement Geriatr Cogn Disord.* 1997 May-Jun;8(3):157-62. PMID: 9137893 [PubMed - indexed for MEDLINE]
- 264:** [Solomon B, Koppel R, Frankel D, Hanan-Aharon E.](#) Related Articles, Links

-  **Disaggregation of Alzheimer beta-amyloid by site-directed mAb.**
Proc Natl Acad Sci U S A. 1997 Apr 15;94(8):4109-12.
PMID: 9108113 [PubMed - indexed for MEDLINE]
- 265:** Lim GP, Russell MJ, Cullen MJ, Tokes ZA. Related Articles, Links
 **Matrix metalloproteinases in dog brains exhibiting Alzheimer-like characteristics.**
J Neurochem. 1997 Apr;68(4):1606-11.
PMID: 9084432 [PubMed - indexed for MEDLINE]
- 266:** Miyata T, Wada Y, Cai Z, Jida Y, Horie K, Yasuda Y, Maeda K, Kurokawa K, van Ypersele de Strihou C. Related Articles, Links
 **Implication of an increased oxidative stress in the formation of advanced glycation end products in patients with end-stage renal failure.**
Kidney Int. 1997 Apr;51(4):1170-81.
PMID: 9083283 [PubMed - indexed for MEDLINE]
- 267:** Reyes AE, Perez DR, Alvarez A, Garrido J, Gentry MK, Doctor BP, Inestrosa NC. Related Articles, Links
 **A monoclonal antibody against acetylcholinesterase inhibits the formation of amyloid fibrils induced by the enzyme.**
Biochem Biophys Res Commun. 1997 Mar 27;232(3):652-5.
PMID: 9126330 [PubMed - indexed for MEDLINE]
- 268:** Xu S, Gaskin F. Related Articles, Links
 **Increased incidence of anti-beta-amyloid autoantibodies secreted by Epstein-Barr virus transformed B cell lines from patients with Alzheimer's disease.**
Mech Ageing Dev. 1997 Mar;94(1-3):213-22.
PMID: 9147373 [PubMed - indexed for MEDLINE]
- 269:** McDermott JR, Gibson AM. Related Articles, Links
 **Degradation of Alzheimer's beta-amyloid protein by human and rat brain peptidases: involvement of insulin-degrading enzyme.**
Neurochem Res. 1997 Jan;22(1):49-56.
PMID: 9021762 [PubMed - indexed for MEDLINE]
- 270:** Mann DM, Iwatsubo T, Nochlin D, Sumi SM, Levy-Lahad E, Bird TD. Related Articles, Links
 **Amyloid (Abeta) deposition in chromosome 1-linked Alzheimer's disease: the Volga German families.**
Ann Neurol. 1997 Jan;41(1):52-7.
PMID: 9005865 [PubMed - indexed for MEDLINE]
- 271:** Niwa T, Katsuzaki T, Miyazaki S, Momoi T, Akiba T, Miyazaki T, Nokura K, Hayase F, Tatemichi N, Takei Y. Related Articles, Links
 **Amyloid beta 2-microglobulin is modified with imidazolone, a novel advanced glycation end product, in dialysis-related amyloidosis.**
Kidney Int. 1997 Jan;51(1):187-94.
PMID: 8995733 [PubMed - indexed for MEDLINE]
- 272:** Pallister C, Jung SS, Shaw I, Nalbantoglu J, Gauthier S, Cashman NR. Related Articles, Links
 **Lymphocyte content of amyloid precursor protein is increased in Down's syndrome and aging.**
Neurobiol Aging. 1997 Jan-Feb;18(1):97-103.

PMID: 8983037 [PubMed - indexed for MEDLINE]

- 273:** [Drache B, Diehl GE, Beyreuther K, Perlmutter LS, Konig G.](#) Related Articles, Links



Bcl-xl-specific antibody labels activated microglia associated with Alzheimer's disease and other pathological states.

J Neurosci Res. 1997 Jan 1;47(1):98-108.

PMID: 8981243 [PubMed - indexed for MEDLINE]

- 274:** [Philippe B, Brion JP, Coppens E, Octave JN.](#) Related Articles, Links



Generation of a monoclonal antibody to the carboxy-terminal domain of tau by immunization with the amino-terminal domain of the amyloid precursor protein.

J Neurosci Res. 1996 Dec 15;46(6):709-19.

PMID: 8978505 [PubMed - indexed for MEDLINE]

- 275:** [Wang R, Sweeney D, Gandy SE, Sisodia SS.](#) Related Articles, Links



The profile of soluble amyloid beta protein in cultured cell media. Detection and quantification of amyloid beta protein and variants by immunoprecipitation-mass spectrometry.

J Biol Chem. 1996 Dec 13;271(50):31894-902.

PMID: 8943233 [PubMed - indexed for MEDLINE]

- 276:** [Nielson KA, Cummings BJ, Cotman CW.](#) Related Articles, Links



Constructional apraxia in Alzheimer's disease correlates with neuritic neuropathology in occipital cortex.

Brain Res. 1996 Nov 25;741(1-2):284-93.

PMID: 9001734 [PubMed - indexed for MEDLINE]

- 277:** [Citron M, Diehl TS, Gordon G, Biere AL, Seubert P, Selkoe DJ.](#) Related Articles, Links



Evidence that the 42- and 40-amino acid forms of amyloid beta protein are generated from the beta-amyloid precursor protein by different protease activities.

Proc Natl Acad Sci U S A. 1996 Nov 12;93(23):13170-5.

PMID: 8917563 [PubMed - indexed for MEDLINE]

- 278:** [Stephens DJ, Austen BM.](#) Related Articles, Links



Metabolites of the beta-amyloid precursor protein generated by beta-secretase localise to the trans-Golgi network and late endosome in 293 cells.

J Neurosci Res. 1996 Oct 15;46(2):211-25.

PMID: 8915898 [PubMed - indexed for MEDLINE]

- 279:** [Jimenez Escrig A, Blanco Jerez CR, Orensanz Munoz LM.](#) Related Articles, Links



The diagnosis of familial amyloid polyneuropathy.

Neurologia. 1996 Oct;11(8):310-2. No abstract available.

PMID: 8950865 [PubMed - indexed for MEDLINE]









- 280:** [Yamada T, Kakiyama T, Kamishima T, Fukuda T, Kawai T.](#) Related Articles, Links



Both acute phase and constitutive serum amyloid A are present in atherosclerotic lesions.

Pathol Int. 1996 Oct;46(10):797-800.

PMID: 8916152 [PubMed - indexed for MEDLINE]

- 281:** [Phelps JL, Blase EK, Koda JE.](#) Related Articles, Links
 Development and characterization of monoclonal antibodies specific for amylin.
 Hybridoma. 1996 Oct;15(5):379-86.
 PMID: 8913788 [PubMed - indexed for MEDLINE]
- 282:** [Niwa T, Sato M, Katsuzaki T, Tomoo T, Miyazaki T, Tatemichi N, Takei Y, Kondo T.](#) Related Articles, Links
 Amyloid beta 2-microglobulin is modified with N epsilon-(carboxymethyl)lysine in dialysis-related amyloidosis.
 Kidney Int. 1996 Oct;50(4):1303-9.
 PMID: 8887292 [PubMed - indexed for MEDLINE]
- 283:** [Kuo H, Ingram DK, Walker LC, Tian M, Hengemihle JM, Jucker M.](#) Related Articles, Links
 Similarities in the age-related hippocampal deposition of periodic acid-schiff-positive granules in the senescence-accelerated mouse P8 and C57BL/6 mouse strains.
 Neuroscience. 1996 Oct;74(3):733-40.
 PMID: 8884769 [PubMed - indexed for MEDLINE]
- 284:** [Vodovotz Y, Lucia MS, Flanders KC, Chesler L, Xie QW, Smith TW, Weidner J, Mumford R, Webber R, Nathan C, Roberts AB, Lippa CF, Sporn MB.](#) Related Articles, Links
 Inducible nitric oxide synthase in tangle-bearing neurons of patients with Alzheimer's disease.
 J Exp Med. 1996 Oct 1;184(4):1425-33.
 PMID: 8879214 [PubMed - indexed for MEDLINE]
- 285:** [De La Monte SM, Carlson RI, Brown NV, Wands JR.](#) Related Articles, Links
 Profiles of neuronal thread protein expression in Alzheimer's disease.
 J Neuropathol Exp Neurol. 1996 Oct;55(10):1038-50.
 PMID: 8858001 [PubMed - indexed for MEDLINE]
- 286:** [Ida N, Hartmann T, Pantel J, Schroder J, Zerfass R, Forstl H, Sandbrink R, Masters CL, Beyreuther K.](#) Related Articles, Links
 Analysis of heterogeneous A4 peptides in human cerebrospinal fluid and blood by a newly developed sensitive Western blot assay.
 J Biol Chem. 1996 Sep 13;271(37):22908-14.
 PMID: 8798471 [PubMed - indexed for MEDLINE]
- 287:** [Kanemaru K, Iwatsubo T, Ihara Y.](#) Related Articles, Links
 Comparable amyloid beta-protein (A beta) 42(43) and A beta 40 deposition in the aged monkey brain.
 Neurosci Lett. 1996 Aug 23;214(2-3):196-8.
 PMID: 8878117 [PubMed - indexed for MEDLINE]
- 288:** [Bullido MJ, Munoz-Fernandez MA, Recuero M, Fresno M, Valdivieso F.](#) Related Articles, Links
 Alzheimer's amyloid precursor protein is expressed on the surface of hematopoietic cells upon activation.
 Biochim Biophys Acta. 1996 Aug 21;1313(1):54-62.
 PMID: 8781550 [PubMed - indexed for MEDLINE]
- 289:** [Mann DM, Iwatsubo T, Cairns NJ, Lantos PL, Nochlin D, Sumi SM, Bird TD, Poorkaj P, Hardy J, Hutton M, Prihar G, Crook](#) Related Articles, Links

R, Rossor MN, Haltia M.



Amyloid beta protein (Abeta) deposition in chromosome 14-linked Alzheimer's disease: predominance of Abeta42(43).
Ann Neurol. 1996 Aug;40(2):149-56.
PMID: 8773595 [PubMed - indexed for MEDLINE]

- 290:** Irizarry MC, Kim TW, McNamara M, Tanzi RE, George JM, Clayton DF, Hyman BT. [Related Articles](#), [Links](#)



Characterization of the precursor protein of the non-A beta component of senile plaques (NACP) in the human central nervous system.
J Neuropathol Exp Neurol. 1996 Aug;55(8):889-95.
PMID: 8759778 [PubMed - indexed for MEDLINE]

- 291:** Lindahl B, Eriksson L, Spillmann D, Caterson B, Lindahl U. [Related Articles](#), [Links](#)



Selective loss of cerebral keratan sulfate in Alzheimer's disease.
J Biol Chem. 1996 Jul 19;271(29):16991-4.
PMID: 8663590 [PubMed - indexed for MEDLINE]

- 292:** Tsutsumi Y, Serizawa A, Hori S. [Related Articles](#), [Links](#)



Localized amyloidosis of the seminal vesicle: identification of lactoferrin immunoreactivity in the amyloid material.
Pathol Int. 1996 Jul;46(7):491-7.
PMID: 8870004 [PubMed - indexed for MEDLINE]

- 293:** Gruber AD, Linke RP. [Related Articles](#), [Links](#)



Generalised AA-amyloidosis in a bat (*Pipistrellus pipistrellus*).
Vet Pathol. 1996 Jul;33(4):428-30.
PMID: 8817841 [PubMed - indexed for MEDLINE]

- 294:** Koudinov AR, Koudinova NV, Kumar A, Beavis RC, Ghiso J. [Related Articles](#), [Links](#)



Biochemical characterization of Alzheimer's soluble amyloid beta protein in human cerebrospinal fluid: association with high density lipoproteins.
Biochem Biophys Res Commun. 1996 Jun 25;223(3):592-7.
PMID: 8687441 [PubMed - indexed for MEDLINE]

- 295:** Yanagisawa K, Asami-Odaka A, Suzuki N, Ihara Y. [Related Articles](#), [Links](#)



Fractionation of amyloid beta-protein (A beta) in Alzheimer's disease and Down's syndrome brains. Presence of membrane-bound A beta.
Ann N Y Acad Sci. 1996 Jun 15;786:184-94.
PMID: 8687018 [PubMed - indexed for MEDLINE]

- 296:** Mann DM, Iwatsubo T. [Related Articles](#), [Links](#)



















Diffuse plaques in the cerebellum and corpus striatum in Down's syndrome contain amyloid beta protein (A beta) only in the form of A beta 42(43).
Neurodegeneration. 1996 Jun;5(2):115-20.
PMID: 8819131 [PubMed - indexed for MEDLINE]

- 297:** Dimsdale JE, Kolterman O, Koda J, Nelesen R. [Related Articles](#), [Links](#)












Effect of race and hypertension on plasma amylin concentrations.
Hypertension. 1996 Jun;27(6):1273-6.
PMID: 8641735 [PubMed - indexed for MEDLINE]









- 298:** [Conn KJ, Pietropaolo M, Ju ST, Abraham CR.](#) Related Articles, Links
 Monoclonal antibodies against the human metalloprotease EC 3.4.24.15 label neurofibrillary tangles in Alzheimer's disease brain.
J Neurochem. 1996 May;66(5):2011-8.
PMID: 8780030 [PubMed - indexed for MEDLINE]
- 299:** [Neumann MC, Muller TF, Sprenger H, Gemsa D, Lange H.](#) Related Articles, Links
 The influence of the immunosuppressants OKT3 and ATG on immunological parameters.
Clin Nephrol. 1996 May;45(5):345-8.
PMID: 8738669 [PubMed - indexed for MEDLINE]
- 300:** [Tamaoka A, Endoh R, Shoji S, Takahashi H, Hirokawa K, Teplow DB, Selkoe DJ, Mori H.](#) Related Articles, Links
 Antibodies to amyloid beta protein (A beta) crossreact with glyceraldehyde-3-phosphate dehydrogenase (GAPDH).
Neurobiol Aging. 1996 May-Jun;17(3):405-14.
PMID: 8725902 [PubMed - indexed for MEDLINE]
- 301:** [Nagy JI, Hossain MZ, Hertzberg EL, Marotta CA.](#) Related Articles, Links
 Induction of connexin43 and gap junctional communication in PC12 cells overexpressing the carboxy terminal region of amyloid precursor protein.
J Neurosci Res. 1996 Apr 15;44(2):124-32.
PMID: 8723220 [PubMed - indexed for MEDLINE]
- 302:** [Turner RS, Suzuki N, Chyung AS, Younkin SG, Lee VM.](#) Related Articles, Links
 Amyloids beta40 and beta42 are generated intracellularly in cultured human neurons and their secretion increases with maturation.
J Biol Chem. 1996 Apr 12;271(15):8966-70.
PMID: 8621541 [PubMed - indexed for MEDLINE]
- 303:** [Schoonover S, Davies P, Bowser R.](#) Related Articles, Links
 Immunolocalization and redistribution of the FAC1 protein in Alzheimer's disease.
J Neuropathol Exp Neurol. 1996 Apr;55(4):444-55.
PMID: 8786404 [PubMed - indexed for MEDLINE]
- 304:** [Mann DM, Iwatsubo T, Ihara Y, Cairns NJ, Lantos PL, Bogdanovic N, Lannfelt L, Winblad B, Maat-Schieman ML, Rossor MN.](#) Related Articles, Links
 Predominant deposition of amyloid-beta 42(43) in plaques in cases of Alzheimer's disease and hereditary cerebral hemorrhage associated with mutations in the amyloid precursor protein gene.
Am J Pathol. 1996 Apr;148(4):1257-66.
PMID: 8644866 [PubMed - indexed for MEDLINE]
- 305:** [Snow AD, Nochlin D, Sekiguichi R, Carlson SS.](#) Related Articles, Links
 Identification in immunolocalization of a new class of proteoglycan (keratan sulfate) to the neuritic plaques of Alzheimer's disease.
Exp Neurol. 1996 Apr;138(2):305-17.
PMID: 8620929 [PubMed - indexed for MEDLINE]
- 306:** [Percy AJ, Trainor DA, Rittenhouse J, Phelps J, Koda JE.](#) Related Articles, Links

-  Development of sensitive immunoassays to detect amylin and amylin-like peptides in unextracted plasma.
Clin Chem. 1996 Apr;42(4):576-85.
PMID: 8605675 [PubMed - indexed for MEDLINE]
- 307: [Taniguchi Y, Yorioka N, Yamashita K, Oda H, Nie LF, Ye Yeu XF, Okushin S, Nishida Y, Kushihata S, Yamakido M.](#) Related Articles, Links
-  Immunohistochemical localization of apolipoprotein E in renal amyloidosis.
Hiroshima J Med Sci. 1996 Mar;45(1):11-4.
PMID: 8984100 [PubMed - indexed for MEDLINE]
- 308: [Zhang M, Olsson Y.](#) Related Articles, Links
-  Beta-amyloid precursor protein accumulates in axons around hematogenous metastases of the human brain: immunohistochemical observations.
Clin Neuropathol. 1996 Mar-Apr;15(2):74-8.
PMID: 8925600 [PubMed - indexed for MEDLINE]
- 309: [Liberski PP, Yanagihara R, Brown P, Kordek R, Kloszewska I, Bratosiewicz J, Gajdusek DC.](#) Related Articles, Links
-  Microwave treatment enhances the immunostaining of amyloid deposits in both the transmissible and non-transmissible brain amyloidoses.
Neurodegeneration. 1996 Mar;5(1):95-9.
PMID: 8731388 [PubMed - indexed for MEDLINE]
- 310: [Lopez Dominguez JM, Casado Chocan JL, Blanco Ollero A, Robledo Strauss A, Viader Farre C, Diaz Espejo C.](#) Related Articles, Links
-  [The use of FD-6 monoclonal antibody in diagnosing and detecting the carriers of familial amyloidotic polyneuropathy type I]
Neurologia. 1996 Mar;11(3):93-8. Spanish.
PMID: 8695147 [PubMed - indexed for MEDLINE]
- 311: [Niwa T, Katsuzaki T, Momoi T, Miyazaki T, Ogawa H, Saito A, Miyazaki S, Maeda K, Tatemichi N, Takei Y.](#) Related Articles, Links
-  Modification of beta 2m with advanced glycation end products as observed in dialysis-related amyloidosis by 3-DG accumulating in uremic serum.
Kidney Int. 1996 Mar;49(3):861-7.
PMID: 8648931 [PubMed - indexed for MEDLINE]
- 312: [Stephenson DT, Lemere CA, Selkoe DJ, Clemens JA.](#) Related Articles, Links
-  Cytosolic phospholipase A2 (cPLA2) immunoreactivity is elevated in Alzheimer's disease brain.
Neurobiol Dis. 1996 Feb;3(1):51-63.
PMID: 9173912 [PubMed - indexed for MEDLINE]
- 313: [Wakasugi K, Suzuki H, Suzuki M.](#) Related Articles, Links
-  [A new approach to the determining immunoglobulin free light chains in serum by TIA nephelometry]
Nihon Rinsho Meneki Gakkai Kaishi. 1996 Feb;19(1):87-93. Japanese.
PMID: 8681031 [PubMed - indexed for MEDLINE]
- 314: [Konig G, Graham P, Bushnell A, Webster S, Wunderlich D, Perlmutter LS.](#) Related Articles, Links

Development and characterization of a monoclonal antibody 369.2B

-  specific for the carboxyl-terminus of the beta A4 peptide.
Ann N Y Acad Sci. 1996 Jan 17;777:344-55.
PMID: 8624111 [PubMed - indexed for MEDLINE]
- 315:** [Solomon B, Koppel R, Hanan E, Katzav T.](#) [Related Articles, Links](#)
 Monoclonal antibodies inhibit in vitro fibrillar aggregation of the Alzheimer beta-amyloid peptide.
Proc Natl Acad Sci U S A. 1996 Jan 9;93(1):452-5.
PMID: 8552659 [PubMed - indexed for MEDLINE]
- 316:** [Safa G, Dhib M, Soubrane JC, Thomine E, Delpuch A, Francois A, Joly P, Lauret P.](#) [Related Articles, Links](#)
 [Light and heavy chain deposition disease with cutaneous and renal manifestations]
Ann Dermatol Venereol. 1996;123(8):490-2. French.
PMID: 9033723 [PubMed - indexed for MEDLINE]
- 317:** [Nakano N, Fukatsu R, Fujii M, Miyazawa J, Utsumi K, Hayashi S, Midorikawa Y, Tsuzuki K, Takahata N.](#) [Related Articles, Links](#)
 [Relationship between SPECT and pathological alterations in Alzheimer's disease--a study of a case with left-hemisphere dominant lesions]
Seishin Shinkeigaku Zasshi. 1996;98(7):441-59. Japanese.
PMID: 8911088 [PubMed - indexed for MEDLINE]
- 318:** [Lahiri DK, Farlow MR.](#) [Related Articles, Links](#)
 Differential effect of tacrine and physostigmine on the secretion of the beta-amyloid precursor protein in cell lines.
J Mol Neurosci. 1996 Spring;7(1):41-9.
PMID: 8835781 [PubMed - indexed for MEDLINE]
- 319:** [Mann DM, Iwatsubo T, Snowden JS.](#) [Related Articles, Links](#)
 Atypical amyloid (A beta) deposition in the cerebellum in Alzheimer's disease: an immunohistochemical study using end-specific A beta monoclonal antibodies.
Acta Neuropathol (Berl). 1996;91(6):647-53.
PMID: 8781665 [PubMed - indexed for MEDLINE]
- 320:** [Mena R, Edwards PC, Harrington CR, Mukaetova-Ladinska EB, Wischik CM.](#) [Related Articles, Links](#)
 Staging the pathological assembly of truncated tau protein into paired helical filaments in Alzheimer's disease.
Acta Neuropathol (Berl). 1996;91(6):633-41.
PMID: 8781663 [PubMed - indexed for MEDLINE]
- 321:** [Veerhuis R, Janssen I, Hack CE, Eikelenboom P.](#) [Related Articles, Links](#)
 Early complement components in Alzheimer's disease brains.
Acta Neuropathol (Berl). 1996;91(1):53-60.
PMID: 8773146 [PubMed - indexed for MEDLINE]
- 322:** [Southwick PC, Yamagata SK, Echols CL Jr, Higson GJ, Neynaber SA, Parson RE, Munroe WA.](#) [Related Articles, Links](#)
 Assessment of amyloid beta protein in cerebrospinal fluid as an aid in the diagnosis of Alzheimer's disease.
J Neurochem. 1996 Jan;66(1):259-65.

PMID: 8522962 [PubMed - indexed for MEDLINE]

- 323:** [Saito Y, Buciak J, Yang J, Partridge WM.](#) Related Articles, Links
 Vector-mediated delivery of 125I-labeled beta-amyloid peptide A beta 1-40 through the blood-brain barrier and binding to Alzheimer disease amyloid of the A beta 1-40/vector complex.
 Proc Natl Acad Sci U S A. 1995 Oct 24;92(22):10227-31.
 PMID: 7479757 [PubMed - indexed for MEDLINE]
- 324:** [Gehrmann J, Banati RB, Cuzner ML, Kreutzberg GW, Newcombe J.](#) Related Articles, Links
 Amyloid precursor protein (APP) expression in multiple sclerosis lesions.
 Glia. 1995 Oct;15(2):141-51.
 PMID: 8567065 [PubMed - indexed for MEDLINE]
- 325:** [Link CD.](#) Related Articles, Links
 Expression of human beta-amyloid peptide in transgenic Caenorhabditis elegans.
 Proc Natl Acad Sci U S A. 1995 Sep 26;92(20):9368-72.
 PMID: 7568134 [PubMed - indexed for MEDLINE]
- 326:** [Perfetti V, Garini P, Vignarelli MC, Marinone MG, Zorzoli I, Merlini G.](#) Related Articles, Links
 Diagnostic approach to and follow-up of difficult cases of AL amyloidosis.
 Haematologica. 1995 Sep-Oct;80(5):409-15.
 PMID: 8566880 [PubMed - indexed for MEDLINE]
- 327:** [Carretero MT, Harrington CR, Wischik CM.](#) Related Articles, Links
 Changes in a CSF antigen associated with dementia.
 Dementia. 1995 Sep-Oct;6(5):281-5.
 PMID: 8528375 [PubMed - indexed for MEDLINE]
- 328:** [Linke RP, Gartner HV, Michels H.](#) Related Articles, Links
 High-sensitivity diagnosis of AA amyloidosis using Congo red and immunohistochemistry detects missed amyloid deposits.
 J Histochem Cytochem. 1995 Sep;43(9):863-9.
 PMID: 7642960 [PubMed - indexed for MEDLINE]
- 329:** [Stevens FJ, Myatt EA, Chang CH, Westholm FA, Eulitz M, Weiss DT, Murphy C, Solomon A, Schiffer M.](#) Related Articles, Links
 A molecular model for self-assembly of amyloid fibrils: immunoglobulin light chains.
 Biochemistry. 1995 Aug 29;34(34):10697-702. No abstract available.
 PMID: 7662653 [PubMed - indexed for MEDLINE]
- 330:** [Mann DM, Pickering-Brown SM, Siddons MA, Iwatsubo T, Ihara Y, Asami-Odaka A, Suzuki N.](#) Related Articles, Links
 The extent of amyloid deposition in brain in patients with Down's syndrome does not depend upon the apolipoprotein E genotype.
 Neurosci Lett. 1995 Aug 18;196(1-2):105-8.
 PMID: 7501233 [PubMed - indexed for MEDLINE]
- 331:** [Webster MT, Groome N, Francis PT, Pearce BR, Sherriff FE, Thinakaran G, Felsenstein KM, Wasco W, Tanzi RE, Bowen](#) Related Articles, Links

DM.

A novel protein, amyloid precursor-like protein 2, is present in human brain, cerebrospinal fluid and conditioned media.

Biochem J. 1995 Aug 15;310 (Pt 1):95-9.

PMID: 7646477 [PubMed - indexed for MEDLINE]

- 332:** Crino PB, Martin JA, Hill WD, Greenberg B, Lee VM, Trojanowski JQ. Related Articles, Links



Beta-Amyloid peptide and amyloid precursor proteins in olfactory mucosa of patients with Alzheimer's disease, Parkinson's disease, and Down syndrome.

Ann Otol Rhinol Laryngol. 1995 Aug;104(8):655-61.

PMID: 7639477 [PubMed - indexed for MEDLINE]

- 333:** Kounnas MZ, Moir RD, Rebeck GW, Bush AI, Argraves WS, Tanzi RE, Hyman BT, Strickland DK. Related Articles, Links



LDL receptor-related protein, a multifunctional ApoE receptor, binds secreted beta-amyloid precursor protein and mediates its degradation.

Cell. 1995 Jul 28;82(2):331-40.

PMID: 7543026 [PubMed - indexed for MEDLINE]

- 334:** Zaidi SH, Malter JS. Related Articles, Links



Nucleolin and heterogeneous nuclear ribonucleoprotein C proteins specifically interact with the 3'-untranslated region of amyloid protein precursor mRNA.

J Biol Chem. 1995 Jul 21;270(29):17292-8.

PMID: 7615529 [PubMed - indexed for MEDLINE]

- 335:** Harigaya Y, Shoji M, Kawarabayashi T, Kanai M, Nakamura T, Iizuka T, Igeta Y, Saido TC, Sahara N, Mori H, et al. Related Articles, Links



Modified amyloid beta protein ending at 42 or 40 with different solubility accumulates in the brain of Alzheimer's disease.

Biochem Biophys Res Commun. 1995 Jun 26;211(3):1015-22.

PMID: 7598687 [PubMed - indexed for MEDLINE]

- 336:** Odawara T, Iseki E, Kosaka K, Akiyama H, Ikeda K, Yamamoto T. Related Articles, Links



Investigation of tau-2 positive microglia-like cells in the subcortical nuclei of human neurodegenerative disorders.

Neurosci Lett. 1995 Jun 16;192(3):145-8.

PMID: 7566636 [PubMed - indexed for MEDLINE]

- 337:** Golabek A, Marques MA, Lalowski M, Wisniewski T. Related Articles, Links



Amyloid beta binding proteins in vitro and in normal human cerebrospinal fluid.

Neurosci Lett. 1995 May 19;191(1-2):79-82.

PMID: 7659297 [PubMed - indexed for MEDLINE]

- 338:** Yamada T, Kobayashi T. Related Articles, Links



















The mutation in amyloid precursor protein inhibits both alpha- and beta-secretion.










Neurosci Lett. 1995 May 19;191(1-2):103-6.

PMID: 7659274 [PubMed - indexed for MEDLINE]

- 339:** Malle E, Munscher G, Muller T, Vermeer H, Ibovnik A. Related Articles, Links









-  Quantification and mapping of antigenic determinants of serum amyloid A (SAA) protein utilizing sequence-specific immunoglobulins and Eu3+ as a specific probe for time-resolved fluorometric immunoassay. *J Immunol Methods*. 1995 May 11;182(1):131-44. PMID: 7769239 [PubMed - indexed for MEDLINE]
- 340:** [Tamaoka A, Sawamura N, Odaka A, Suzuki N, Mizusawa H, Shoji S, Mori H.](#) Related Articles, Links
-  Amyloid beta protein 1-42/43 (A beta 1-42/43) in cerebellar diffuse plaques: enzyme-linked immunosorbent assay and immunocytochemical study. *Brain Res*. 1995 May 8;679(1):151-6. PMID: 7648258 [PubMed - indexed for MEDLINE]
- 341:** [Assmann KJ, Koene RA, Wetzels JF.](#) Related Articles, Links
-  Familial glomerulonephritis characterized by massive deposits of fibronectin. *Am J Kidney Dis*. 1995 May;25(5):781-91. PMID: 7747733 [PubMed - indexed for MEDLINE]
- 342:** [Fang Q, Kannapell CC, Fu SM, Xu S, Gaskin F.](#) Related Articles, Links
-  VH and VL gene usage by anti-beta-amyloid autoantibodies in Alzheimer's disease: detection of highly mutated V regions in both heavy and light chains. *Clin Immunol Immunopathol*. 1995 May;75(2):159-67. PMID: 7704974 [PubMed - indexed for MEDLINE]
- 343:** [Kawamura S, Takahashi M, Ishihara T, Uchino F.](#) Related Articles, Links
-  Incidence and distribution of isolated atrial amyloid: histologic and immunohistochemical studies of 100 aging hearts. *Pathol Int*. 1995 May;45(5):335-42. PMID: 7647929 [PubMed - indexed for MEDLINE]
- 344:** [Cazorla P, Aldudo J, Haas C, Vazquez J, Valdivieso F, Bullido MJ.](#) Related Articles, Links
-  Location of an epitope shared by Alzheimer's amyloid peptide and brain creatine kinase using a newly developed monoclonal antibody. *Biochim Biophys Acta*. 1995 Apr 24;1270(2-3):149-56. PMID: 7537106 [PubMed - indexed for MEDLINE]
- 345:** [Kimura T, Takamatsu J, Araki N, Goto M, Kondo A, Miyakawa T, Horiuchi S.](#) Related Articles, Links
-  Are advanced glycation end-products associated with amyloidosis in Alzheimer's disease? *Neuroreport*. 1995 Apr 19;6(6):866-8. PMID: 7612872 [PubMed - indexed for MEDLINE]
- 346:** [Pike CJ, Cummings BJ, Cotman CW.](#) Related Articles, Links
-  Early association of reactive astrocytes with senile plaques in Alzheimer's disease. *Exp Neurol*. 1995 Apr;132(2):172-9. PMID: 7789457 [PubMed - indexed for MEDLINE]
- 347:** [Gravina SA, Ho L, Eckman CB, Long KE, Otvos L Jr, Younkin LH, Suzuki N, Younkin SG.](#) Related Articles, Links









-  Amyloid beta protein (A beta) in Alzheimer's disease brain. Biochemical and immunocytochemical analysis with antibodies specific for forms ending at A beta 40 or A beta 42(43).
J Biol Chem. 1995 Mar 31;270(13):7013-6.
PMID: 7706234 [PubMed - indexed for MEDLINE]
- 348:** Kim CS, Han YF, Etcheberrigaray R, Nelson TJ, Olds JL, Yoshioka T, Alkon DL. Related Articles, Links
-  Alzheimer and beta-amyloid-treated fibroblasts demonstrate a decrease in a memory-associated GTP-binding protein, Cp20.
Proc Natl Acad Sci U S A. 1995 Mar 28;92(7):3060-4.
PMID: 7708775 [PubMed - indexed for MEDLINE]
- 349:** Vallar L, Costa PM, Teixeira A, Pfister M, Barrois R, Costa PP, Rivat C. Related Articles, Links
-  Immunoabsorption procedure as a potential method for the specific beta 2-microglobulin removal from plasma of patients with chronic renal failure.
J Chromatogr B Biomed Appl. 1995 Feb 3;664(1):97-106.
PMID: 7757246 [PubMed - indexed for MEDLINE]
- 350:** Golden JA, Nielsen GP, Pober BR, Hyman BT. Related Articles, Links
-  The neuropathology of Williams syndrome. Report of a 35-year-old man with presenile beta/A4 amyloid plaques and neurofibrillary tangles.
Arch Neurol. 1995 Feb;52(2):209-12.
PMID: 7848137 [PubMed - indexed for MEDLINE]
- 351:** Akamatsu M, Hori S, Tsutsumi Y, Osamura RY, Ohkido M. Related Articles, Links
-  Ubiquitinated cytokeratin inclusions in lichen amyloidosis: an immunohistochemical analysis.
Pathol Int. 1995 Feb;45(2):116-22.
PMID: 7538010 [PubMed - indexed for MEDLINE]
- 352:** Kataoka H, Seguchi K, Iwamura T, Moriyama T, Nabeshima K, Koono M. Related Articles, Links
-  Reverse-zymographic analysis of protease nexin-II/amyloid beta protein precursor of human carcinoma cell lines, with special reference to the grade of differentiation and metastatic phenotype.
Int J Cancer. 1995 Jan 3;60(1):123-8.
PMID: 7814144 [PubMed - indexed for MEDLINE]
- 353:** Maslinska D, Kaluza J. Related Articles, Links
-  Overexpression of amyloid precursor protein of Alzheimer's type in brains of intoxicated children.
Folia Neuropathol. 1995;33(3):129-33.
PMID: 8705279 [PubMed - indexed for MEDLINE]
- 354:** Cabal A, Alonso-Cortina V, Gonzalez-Vazquez LO, Naves FJ, Del Valle ME, Vega JA. Related Articles, Links
-  beta-Amyloid precursor protein (beta APP) in human gut with special reference to the enteric nervous system.
Brain Res Bull. 1995;38(5):417-23.
PMID: 8665264 [PubMed - indexed for MEDLINE]
- 355:** Mann DM, Iwatsubo T, Fukumoto H, Ihara Y, Odaka A, Suzuki N. Related Articles, Links










-  Microglial cells and amyloid beta protein (A beta) deposition; association with A beta 40-containing plaques. *Acta Neuropathol (Berl)*. 1995;90(5):472-7. PMID: 8560980 [PubMed - indexed for MEDLINE]
- 356:** [Reig S, Buee-Scherrer V, Mourton-Gilles C, Defossez A, Delacourte A, Beauvillain JC, Mazzuca M.](#) [Related Articles, Links](#)
-  Immunogold labelling of paired helical filaments and amyloid fibrils by specific monoclonal and polyclonal antibodies. *Acta Neuropathol (Berl)*. 1995;90(5):441-7. PMID: 8560975 [PubMed - indexed for MEDLINE]
- 357:** [Liberski PP, Kloszewska I, Kordek R, Bratosiewicz J, Omulecka A, Papierz W, Alwasiak J.](#) [Related Articles, Links](#)
-  Diagnosis of Alzheimer's disease with commercially available anti-beta peptide (beta A4) antibodies following microwave oven pretreatment. *Pol J Pathol*. 1995;46(1):43-6. PMID: 7780697 [PubMed - indexed for MEDLINE]
- 358:** [Montoli A, Minola E, Stabile F, Grillo C, Radaelli L, Spanti D, Luccarelli E, Spata C, Minetti L.](#) [Related Articles, Links](#)
-  End-stage renal failure from renal amyloidosis of the AA type associated with giant lymph node hyperplasia (Castleman's disease). *Am J Nephrol*. 1995;15(2):142-6. Review. PMID: 7733151 [PubMed - indexed for MEDLINE]
- 359:** [Mangone CA, Castano EM, Levy E, Abiusi G, Wisniewski T, Marques MR, Faccio E, Gorelick PB, Frangione B, Sica RE.](#) [Related Articles, Links](#)
-  Early onset Alzheimer's disease in a South American pedigree from Argentina. *Acta Neurol Scand*. 1995 Jan;91(1):6-13. PMID: 7732777 [PubMed - indexed for MEDLINE]
- 360:** [Mena R, Edwards P, Perez-Olvera O, Wischik CM.](#) [Related Articles, Links](#)
-  Monitoring pathological assembly of tau and beta-amyloid proteins in Alzheimer's disease. *Acta Neuropathol (Berl)*. 1995;89(1):50-6. PMID: 7709731 [PubMed - indexed for MEDLINE]
- 361:** [Yasuhara O, Matsuo A, Tooyama I, Kimura H, McGeer EG, McGeer PL.](#) [Related Articles, Links](#)
-  Pick's disease immunohistochemistry: new alterations and Alzheimer's disease comparisons. *Acta Neuropathol (Berl)*. 1995;89(4):322-30. PMID: 7610763 [PubMed - indexed for MEDLINE]
- 362:** [Vincent I, Mattiace LA, Dickson DW, Rosado M, Katen R 2nd, Davies P.](#) [Related Articles, Links](#)
-  TG-1: a marker for neuronal nuclei in Alzheimer's disease. *Neurobiol Dis*. 1994 Dec;1(3):145-57. PMID: 9173994 [PubMed - indexed for MEDLINE]
- 363:** [Pirttila T, Kim KS, Mehta PD, Frey H, Wisniewski HM.](#) [Related Articles, Links](#)
-  Soluble amyloid beta-protein in the cerebrospinal fluid from patients with Alzheimer's disease, vascular dementia and controls. *J Neurol Sci*. 1994 Dec 1;127(1):90-5.









PMID: 7699397 [PubMed - indexed for MEDLINE]

- 364:** [Oda T, Pasinetti GM, Osterburg HH, Anderson C, Johnson SA, Finch CE.](#) Related Articles, Links
 Purification and characterization of brain clusterin.
 Biochem Biophys Res Commun. 1994 Nov 15;204(3):1131-6.
 PMID: 7980587 [PubMed - indexed for MEDLINE]
- 365:** [Alles VV, Bottazzi B, Peri G, Golay J, Introna M, Mantovani A.](#) Related Articles, Links
 Inducible expression of PTX3, a new member of the pentraxin family, in human mononuclear phagocytes.
 Blood. 1994 Nov 15;84(10):3483-93.
 PMID: 7949102 [PubMed - indexed for MEDLINE]
- 366:** [Christner RB, Mortensen RF.](#) Related Articles, Links
 Binding of human serum amyloid P-component to phosphocholine.
 Arch Biochem Biophys. 1994 Nov 1;314(2):337-43.
 PMID: 7979374 [PubMed - indexed for MEDLINE]
- 367:** [Holzer M, Holzapfel HP, Zedlick D, Bruckner MK, Arendt T.](#) Related Articles, Links
 Abnormally phosphorylated tau protein in Alzheimer's disease: heterogeneity of individual regional distribution and relationship to clinical severity.
 Neuroscience. 1994 Nov;63(2):499-516.
 PMID: 7891861 [PubMed - indexed for MEDLINE]
- 368:** [Neill D, Hughes D, Edwardson JA, Rima BK, Allsop D.](#) Related Articles, Links
 Human IMR-32 neuroblastoma cells as a model cell line in Alzheimer's disease research.
 J Neurosci Res. 1994 Nov 1;39(4):482-93.
 PMID: 7884825 [PubMed - indexed for MEDLINE]
- 369:** [Katsetos CD, Krishna L, Friedberg E, Reidy J, Karkavelas G, Savory J.](#) Related Articles, Links
 Lobar pilocytic astrocytomas of the cerebral hemispheres: II. Pathobiology--morphogenesis of the eosinophilic granular bodies.
 Clin Neuropathol. 1994 Nov-Dec;13(6):306-14.
 PMID: 7851045 [PubMed - indexed for MEDLINE]
- 370:** [McGeer PL, Klegeris A, Walker DG, Yasuhara O, McGeer EG.](#) Related Articles, Links
 Pathological proteins in senile plaques.
 Tohoku J Exp Med. 1994 Nov;174(3):269-77.
 PMID: 7761992 [PubMed - indexed for MEDLINE]
- 371:** [Yang F, Mak K, Vinters HV, Frautschy SA, Cole GM.](#) Related Articles, Links
 Monoclonal antibody to the C-terminus of beta-amyloid.
 Neuroreport. 1994 Oct 27;5(16):2117-20.
 PMID: 7865758 [PubMed - indexed for MEDLINE]
- 372:** [Burke WJ, Galvin NJ, Chung HD, Stoff SA, Gillespie KN, Cataldo AM, Nixon RA.](#) Related Articles, Links
 Degenerative changes in epinephrine tonic vasomotor neurons in Alzheimer's disease.
 Brain Res. 1994 Oct 24;661(1-2):35-42.
 PMID: 7834382 [PubMed - indexed for MEDLINE]










- 373:** [Kimura T, Hisano T, Yoshida H, Ueda K, Miyakawa T.](#) [Related Articles, Links](#)
 Re-evaluation of classic senile plaques by three-dimensional analysis.
J Neurol. 1994 Oct;241(10):624-7.
PMID: 7836967 [PubMed - indexed for MEDLINE]
- 374:** [Dreyer RN, Bausch KM, Fracasso P, Hammond LJ, Wunderlich D, Wirak DO, Davis G, Brini CM, Buckholz TM, Konig G, et al.](#) [Related Articles, Links](#)
 Processing of the pre-beta-amyloid protein by cathepsin D is enhanced by a familial Alzheimer's disease mutation.
Eur J Biochem. 1994 Sep 1;224(2):265-71.
PMID: 7523115 [PubMed - indexed for MEDLINE]
- 375:** [van de Nes JA, Sluiter AA, Pool CW, Kamphorst W, Ravid R, Swaab DF.](#) [Related Articles, Links](#)
 The monoclonal antibody Alz-50, used to reveal cytoskeletal changes in Alzheimer's disease, also reacts with a large subpopulation of somatostatin neurons in the normal human hypothalamus and adjoining areas.
Brain Res. 1994 Aug 29;655(1-2):97-109.
PMID: 7812796 [PubMed - indexed for MEDLINE]
- 376:** [Durham HD, Minotti S, Dooley NP, Nalbantoglu J.](#) [Related Articles, Links](#)
 Expression of the intermediate filament-associated protein related to beta-amyloid precursor protein is developmentally regulated in cultured cells.
J Neurosci Res. 1994 Aug 15;38(6):629-39.
PMID: 7807580 [PubMed - indexed for MEDLINE]
- 377:** [D'Este L, Buffa R, Pelagi M, Siccardi AG, Renda T.](#) [Related Articles, Links](#)
 Immunohistochemical localization of chromogranin A and B in the endocrine cells of the alimentary tract of the green frog, *Rana esculenta*.
Cell Tissue Res. 1994 Aug;277(2):341-9.
PMID: 8082125 [PubMed - indexed for MEDLINE]
- 378:** [Friedland RP, Majocha RE, Reno JM, Lyle LR, Marotta CA.](#) [Related Articles, Links](#)
 Development of an anti-A beta monoclonal antibody for in vivo imaging of amyloid angiopathy in Alzheimer's disease.
Mol Neurobiol. 1994 Aug-Dec;9(1-3):107-13.
PMID: 7888086 [PubMed - indexed for MEDLINE]
- 379:** [Iwatsubo T, Odaka A, Suzuki N, Mizusawa H, Nukina N, Ihara Y.](#) [Related Articles, Links](#)
 Visualization of A beta 42(43) and A beta 40 in senile plaques with end-specific A beta monoclonals: evidence that an initially deposited species is A beta 42(43).
Neuron. 1994 Jul;13(1):45-53.
PMID: 8043280 [PubMed - indexed for MEDLINE]
- 380:** [Perlmutter LS, Myers MA, Barron E.](#) [Related Articles, Links](#)
 Vascular basement membrane components and the lesions of Alzheimer's disease: light and electron microscopic analyses.
Microsc Res Tech. 1994 Jun 15;28(3):204-15.
PMID: 8068983 [PubMed - indexed for MEDLINE]

- 381:** [Clarris HJ, Nurcombe V, Small DH, Beyreuther K, Masters CL.](#) Related Articles, Links
 Secretion of nerve growth factor from septum stimulates neurite outgrowth and release of the amyloid protein precursor of Alzheimer's disease from hippocampal explants.
J Neurosci Res. 1994 Jun 15;38(3):248-58.
PMID: 7932862 [PubMed - indexed for MEDLINE]
- 382:** [Jakes R, Spillantini MG, Goedert M.](#) Related Articles, Links
 Identification of two distinct synucleins from human brain.
FEBS Lett. 1994 May 23;345(1):27-32.
PMID: 8194594 [PubMed - indexed for MEDLINE]
- 383:** [Ozaki S, Abe M, Wolfenbarger D, Weiss DT, Solomon A.](#) Related Articles, Links
 Preferential expression of human lambda-light-chain variable-region subgroups in multiple myeloma, AL amyloidosis, and Waldenstrom's macroglobulinemia.
Clin Immunol Immunopathol. 1994 May;71(2):183-9.
PMID: 8181187 [PubMed - indexed for MEDLINE]
- 384:** [Murphy GM Jr, Forno LS, Higgins L, Scardina JM, Eng LF, Cordell B.](#) Related Articles, Links
 Development of a monoclonal antibody specific for the COOH-terminal of beta-amyloid 1-42 and its immunohistochemical reactivity in Alzheimer's disease and related disorders.
Am J Pathol. 1994 May;144(5):1082-8.
PMID: 8178931 [PubMed - indexed for MEDLINE]
- 385:** [Stanley LC, Mrak RE, Woody RC, Perrot LJ, Zhang S, Marshak DR, Nelson SJ, Griffin WS.](#) Related Articles, Links
 Glial cytokines as neuropathogenic factors in HIV infection: pathogenic similarities to Alzheimer's disease.
J Neuropathol Exp Neurol. 1994 May;53(3):231-8.
PMID: 8176406 [PubMed - indexed for MEDLINE]
- 386:** [Akaaboune M, Ma J, Festoff BW, Greenberg BD, Hantai D.](#) Related Articles, Links
 Neurotrophic regulation of mouse muscle beta-amyloid protein precursor and alpha 1-antichymotrypsin as revealed by axotomy.
J Neurobiol. 1994 May;25(5):503-14.
PMID: 8071658 [PubMed - indexed for MEDLINE]
- 387:** [Holmgren G, Costa PM, Andersson C, Asplund K, Steen L, Beckman L, Nylander PO, Teixeira A, Saraiva MJ, Costa PP.](#) Related Articles, Links
 Geographical distribution of TTR met30 carriers in northern Sweden: discrepancy between carrier frequency and prevalence rate.
J Med Genet. 1994 May;31(5):351-4.
PMID: 8064809 [PubMed - indexed for MEDLINE]
- 388:** [Yamada T, Kakihara T, Gejyo F, Okada M.](#) Related Articles, Links
 A monoclonal antibody recognizing apolipoprotein E peptides in systemic amyloid deposits.
Ann Clin Lab Sci. 1994 May-Jun;24(3):243-9.
PMID: 8048796 [PubMed - indexed for MEDLINE]
- 389:** [Higgins LS, Holtzman DM, Rabin J, Mobley WC, Cordell B.](#) Related Articles, Links

-  Transgenic mouse brain histopathology resembles early Alzheimer's disease.
Ann Neurol. 1994 May;35(5):598-607.
PMID: 7513982 [PubMed - indexed for MEDLINE]
- 390:** Christner RB, Mortensen RF. Related Articles, Links
-  Specificity of the binding interaction between human serum amyloid P-component and immobilized human C-reactive protein.
J Biol Chem. 1994 Apr 1;269(13):9760-6.
PMID: 8144569 [PubMed - indexed for MEDLINE]
- 391:** Billette de Villemeur T, Gelot A, Deslys JP, Dormont D, Duyckaerts C, Jardin L, Denni J, Robain O. Related Articles, Links
-  Iatrogenic Creutzfeldt-Jakob disease in three growth hormone recipients: a neuropathological study.
Neuropathol Appl Neurobiol. 1994 Apr;20(2):111-7.
PMID: 8072642 [PubMed - indexed for MEDLINE]
- 392:** Takamaru Y. Related Articles, Links
-  [Analysis of the 80 kDa antigen in senile plaque amyloid]
Hokkaido Igaku Zasshi. 1994 Mar;69(2):191-201. Japanese.
PMID: 8157246 [PubMed - indexed for MEDLINE]
- 393:** Bickel U, Lee VM, Trojanowski JQ, Pardridge WM. Related Articles, Links
-  Development and in vitro characterization of a cationized monoclonal antibody against beta A4 protein: a potential probe for Alzheimer's disease.
Bioconjug Chem. 1994 Mar-Apr;5(2):119-25.
PMID: 8031874 [PubMed - indexed for MEDLINE]
- 394:** Loffler J, Langui D, Probst A, Huber G. Related Articles, Links
-  Accumulation of a 50 kDa N-terminal fragment of beta-APP695 in Alzheimer's disease hippocampus and neocortex.
Neurochem Int. 1994 Mar;24(3):281-8.
PMID: 8025536 [PubMed - indexed for MEDLINE]
- 395:** Takeda M, Tanaka S, Kido H, Daikoku S, Oka M, Sakai K, Katunuma N. Related Articles, Links
-  Chromaffin cells express Alzheimer amyloid precursor protein in the same manner as brain cells.
Neurosci Lett. 1994 Feb 28;168(1-2):57-60.
PMID: 8028794 [PubMed - indexed for MEDLINE]
- 396:** Anderson AJ, Cummings BJ, Cotman CW. Related Articles, Links
-  Increased immunoreactivity for Jun- and Fos-related proteins in Alzheimer's disease: association with pathology.
Exp Neurol. 1994 Feb;125(2):286-95.
PMID: 8313943 [PubMed - indexed for MEDLINE]
- 397:** Snow AD, Sekiguchi RT, Nochlin D, Kalaria RN, Kimata K. Related Articles, Links
-  Heparan sulfate proteoglycan in diffuse plaques of hippocampus but not of cerebellum in Alzheimer's disease brain.
Am J Pathol. 1994 Feb;144(2):337-47.
PMID: 8311117 [PubMed - indexed for MEDLINE]

- 398:** [Hartig W, Hausen D, Brauer K, Arendt T, Bigl V, Bruckner G.](#) Related Articles, Links
 Digoxigenin-tagged anti-GFAP and multiple labelling of human glia, vessels and beta-amyloid. Neuroreport. 1994 Jan 31;5(5):573-6. Erratum in: Neuroreport 1994 Apr 14;5(8):following 1014. PMID: 8025246 [PubMed - indexed for MEDLINE]
- 399:** [Picken MM, Shen S.](#) Related Articles, Links
 Immunoglobulin light chains and the kidney: an overview. Ultrastruct Pathol. 1994 Jan-Apr;18(1-2):105-12. Review. PMID: 8191615 [PubMed - indexed for MEDLINE]
- 400:** [Bernstein HG, Rinne R, Kirschke H, Jarvinen M, Knofel B, Rinne A.](#) Related Articles, Links
 Cystatin A-like immunoreactivity is widely distributed in human brain and accumulates in neuritic plaques of Alzheimer disease subjects. Brain Res Bull. 1994;33(5):477-81. PMID: 8186992 [PubMed - indexed for MEDLINE]
- 401:** [Masliah E, Honer WG, Mallory M, Voigt M, Kushner P, Hansen L, Terry R.](#) Related Articles, Links
 Topographical distribution of synaptic-associated proteins in the neuritic plaques of Alzheimer's disease hippocampus. Acta Neuropathol (Berl). 1994;87(2):135-42. PMID: 8171963 [PubMed - indexed for MEDLINE]
- 402:** [Buee L, Hof PR, Bouras C, Delacourte A, Perl DP, Morrison JH, Fillit HM.](#) Related Articles, Links
 Pathological alterations of the cerebral microvasculature in Alzheimer's disease and related dementing disorders. Acta Neuropathol (Berl). 1994;87(5):469-80. PMID: 8059599 [PubMed - indexed for MEDLINE]
- 403:** [Bignami A, LeBlanc A, Perides G.](#) Related Articles, Links
 A role for extracellular matrix degradation and matrix metalloproteinases in senile dementia? Acta Neuropathol (Berl). 1994;87(3):308-12. PMID: 8009963 [PubMed - indexed for MEDLINE]
- 404:** [Argiles A, Mourad G, Kerr PG, Garcia M, Collins B, Demaille JG.](#) Related Articles, Links
 Cells surrounding haemodialysis-associated amyloid deposits are mainly macrophages. Nephrol Dial Transplant. 1994;9(6):662-7. PMID: 7970093 [PubMed - indexed for MEDLINE]
- 405:** [Maat-Schieman ML, Radder CM, van Duinen SG, Haan J, Roos RA.](#) Related Articles, Links
 Hereditary cerebral hemorrhage with amyloidosis (Dutch): a model for congophilic plaque formation without neurofibrillary pathology. Acta Neuropathol (Berl). 1994;88(4):371-8. PMID: 7839831 [PubMed - indexed for MEDLINE]
- 406:** [Wen GY, Wisniewski HM, Blondal H, Benedikz E, Frey H, Pirttila T, Rudelli R, Kim KS.](#) Related Articles, Links

Presence of non-fibrillar amyloid beta protein in skin biopsies of

-  Alzheimer's disease (AD), Down's syndrome and non-AD normal persons.
Acta Neuropathol (Berl). 1994;88(3):201-6.
PMID: 7810290 [PubMed - indexed for MEDLINE]
- 407:** [Eikelenboom P, Zhan SS, Kamphorst W, van der Valk P, Rozemuller JM.](#) Related Articles, Links
Cellular and substrate adhesion molecules (integrins) and their ligands in cerebral amyloid plaques in Alzheimer's disease.
Virchows Arch. 1994;424(4):421-7.
PMID: 7515758 [PubMed - indexed for MEDLINE]
-  Cellular and substrate adhesion molecules (integrins) and their ligands in cerebral amyloid plaques in Alzheimer's disease.
Virchows Arch. 1994;424(4):421-7.
PMID: 7515758 [PubMed - indexed for MEDLINE]
- 408:** [Zemlan FP, Vogelsang GD, McLaughlin L, Dean GE.](#) Related Articles, Links
Alzheimer's paired helical filaments: amyloid precursor protein epitope mapping.
Brain Res Bull. 1994;33(4):387-92.
PMID: 7510209 [PubMed - indexed for MEDLINE]
-  Alzheimer's paired helical filaments: amyloid precursor protein epitope mapping.
Brain Res Bull. 1994;33(4):387-92.
PMID: 7510209 [PubMed - indexed for MEDLINE]
- 409:** [Hilbich C, Monning U, Grund C, Masters CL, Beyreuther K.](#) Related Articles, Links
Amyloid-like properties of peptides flanking the epitope of amyloid precursor protein-specific monoclonal antibody 22C11.
J Biol Chem. 1993 Dec 15;268(35):26571-7.
PMID: 7504673 [PubMed - indexed for MEDLINE]
-  Amyloid-like properties of peptides flanking the epitope of amyloid precursor protein-specific monoclonal antibody 22C11.
J Biol Chem. 1993 Dec 15;268(35):26571-7.
PMID: 7504673 [PubMed - indexed for MEDLINE]
- 410:** [Philippe B, Brion JP, Macq AF, Octave JN.](#) Related Articles, Links
A new monoclonal antibody against the anionic domain of the amyloid precursor protein of Alzheimer's disease.
Neuroreport. 1993 Dec 13;5(3):289-92.
PMID: 7507727 [PubMed - indexed for MEDLINE]
-  A new monoclonal antibody against the anionic domain of the amyloid precursor protein of Alzheimer's disease.
Neuroreport. 1993 Dec 13;5(3):289-92.
PMID: 7507727 [PubMed - indexed for MEDLINE]
- 411:** [Cummings BJ, Su JH, Cotman CW.](#) Related Articles, Links
Neuritic involvement within bFGF immunopositive plaques of Alzheimer's disease.
Exp Neurol. 1993 Dec;124(2):315-25.
PMID: 8287930 [PubMed - indexed for MEDLINE]
-  Neuritic involvement within bFGF immunopositive plaques of Alzheimer's disease.
Exp Neurol. 1993 Dec;124(2):315-25.
PMID: 8287930 [PubMed - indexed for MEDLINE]
- 412:** [Elliott MJ, Maini RN, Feldmann M, Long-Fox A, Charles P, Katsikis P, Brennan FM, Walker J, Bijl H, Ghrayeb J, et al.](#) Related Articles, Links
Treatment of rheumatoid arthritis with chimeric monoclonal antibodies to tumor necrosis factor alpha.
Arthritis Rheum. 1993 Dec;36(12):1681-90.
PMID: 8250987 [PubMed - indexed for MEDLINE]
-  Treatment of rheumatoid arthritis with chimeric monoclonal antibodies to tumor necrosis factor alpha.
Arthritis Rheum. 1993 Dec;36(12):1681-90.
PMID: 8250987 [PubMed - indexed for MEDLINE]
- 413:** [Kivela T, Tarkkanen A, McLean I, Ghiso J, Frangione B, Haltia M.](#) Related Articles, Links
Immunohistochemical analysis of lattice corneal dystrophies types I and II.
Br J Ophthalmol. 1993 Dec;77(12):799-804.
PMID: 8110676 [PubMed - indexed for MEDLINE]
-  Immunohistochemical analysis of lattice corneal dystrophies types I and II.
Br J Ophthalmol. 1993 Dec;77(12):799-804.
PMID: 8110676 [PubMed - indexed for MEDLINE]
- 414:** [Bennett DA, Cochran EJ, Saper CB, Leverenz JB, Gilley DW, Wilson RS.](#) Related Articles, Links
Pathological changes in frontal cortex from biopsy to autopsy in Alzheimer's disease.
Neurobiol Aging. 1993 Nov-Dec;14(6):589-96.
-  Pathological changes in frontal cortex from biopsy to autopsy in Alzheimer's disease.
Neurobiol Aging. 1993 Nov-Dec;14(6):589-96.

PMID: 8295661 [PubMed - indexed for MEDLINE]

- 415:** Vigo-Pelfrey C, Lee D, Keim P, Lieberburg I, Schenk DB. Related Articles, Links



Characterization of beta-amyloid peptide from human cerebrospinal fluid.

J Neurochem. 1993 Nov;61(5):1965-8.

PMID: 8229004 [PubMed - indexed for MEDLINE]

- 416:** Edwards RJ, McKenzie JE, Roberts GW, Royston MC. Related Articles, Links



Alzheimer's disease and Lewy body dementia.

Br J Psychiatry. 1993 Nov;163:692; author reply 694-5. No abstract available.

PMID: 8155132 [PubMed - indexed for MEDLINE]

- 417:** Wagner SL, Van Nostrand WE, Lau AL, Farrow JS, Suzuki M, Bartus RT, Schuppek R, Nguyen A, Cotman CW, Cunningham DD. Related Articles, Links



Co-distribution of protease nexin-1 and protease nexin-2 in brains of non-human primates.

Brain Res. 1993 Oct 29;626(1-2):90-8.

PMID: 8281456 [PubMed - indexed for MEDLINE]

- 418:** Askanas V, Bilak M, Engel WK, Alvarez RB, Tome F, Leclerc A. Related Articles, Links



Prion protein is abnormally accumulated in inclusion-body myositis.

Neuroreport. 1993 Oct 25;5(1):25-8.

PMID: 8280854 [PubMed - indexed for MEDLINE]

- 419:** Harrington CR, Quinn GB, Hurt J, Day IN, Wischik CM. Related Articles, Links



Characterisation of an epitope specific to the neuron-specific isoform of human enolase recognised by a monoclonal antibody raised against a synthetic peptide corresponding to the C-terminus of beta/A4-protein.

Biochim Biophys Acta. 1993 Oct 3;1158(2):120-8.

PMID: 7691181 [PubMed - indexed for MEDLINE]

- 420:** Sungur C, Sungur A, Ruacan S, Arik N, Yasavul U, Turgan C, Caglar S. Related Articles, Links



Diagnostic value of bone marrow biopsy in patients with renal disease secondary to familial Mediterranean fever.

Kidney Int. 1993 Oct;44(4):834-6.

PMID: 7505040 [PubMed - indexed for MEDLINE]

- 421:** Askanas V, Bilak M, Engel WK, Leclerc A, Tome F. Related Articles, Links



Prion protein is strongly immunolocalized at the postsynaptic domain of human normal neuromuscular junctions.

Neurosci Lett. 1993 Sep 3;159(1-2):111-4.

PMID: 8264949 [PubMed - indexed for MEDLINE]

- 422:** Holmes C, Webster MT, Procter AW, Francis PT, Bowen DM. Related Articles, Links












Relationship between beta-amyloid precursor protein, pyramidal neurones and astrocytes in human neocortex.

Biochem Soc Trans. 1993 Aug;21 (Pt 3)(3):238S. No abstract available.

PMID: 8224394 [PubMed - indexed for MEDLINE]

- 423:** Miklossy J. Related Articles, Links

Alzheimer's disease--a spirochetosis?

-  Neuroreport. 1993 Jul;4(7):841-8.
PMID: 8369471 [PubMed - indexed for MEDLINE]
- 424:** [Nishinaka T, Iwata D, Shimada S, Kosaka K, Suzuki Y.](#) Related Articles, Links
 Anti-ganglioside GD1a monoclonal antibody recognizes senile plaques in the brains of patients with Alzheimer-type dementia.
Neurosci Res. 1993 Jul;17(2):171-6.
PMID: 7694209 [PubMed - indexed for MEDLINE]
- 425:** [Abe M, Goto T, Kennel SJ, Wolfenbarger D, Macy SD, Weiss DT, Solomon A.](#) Related Articles, Links
 Production and immunodiagnostic applications of antihuman light chain monoclonal antibodies.
Am J Clin Pathol. 1993 Jul;100(1):67-74. Erratum in: Am J Clin Pathol 1993 Nov;100(5):587.
PMID: 7688492 [PubMed - indexed for MEDLINE]
- 426:** [Singhrao SK, Neal JW, Newman GR.](#) Related Articles, Links
 Corpora amylacea could be an indicator of neurodegeneration.
Neuropathol Appl Neurobiol. 1993 Jun;19(3):269-76.
PMID: 8355813 [PubMed - indexed for MEDLINE]
- 427:** [DeWitt DA, Silver J, Canning DR, Perry G.](#) Related Articles, Links
 Chondroitin sulfate proteoglycans are associated with the lesions of Alzheimer's disease.
Exp Neurol. 1993 Jun;121(2):149-52.
PMID: 8339766 [PubMed - indexed for MEDLINE]
- 428:** [Rodrigues MM, Rajagopalan S, Jones K, Nirankari V, Wisniewski T, Frangione B, Gorevic PD.](#) Related Articles, Links
 Gelsolin immunoreactivity in corneal amyloid, wound healing, and macular and granular dystrophies.
Am J Ophthalmol. 1993 May 15;115(5):644-52.
PMID: 7683843 [PubMed - indexed for MEDLINE]
- 429:** [Oyama F, Hirohashi S, Sakamoto M, Titani K, Sekiguchi K.](#) Related Articles, Links
 Coordinate oncodevelopmental modulation of alternative splicing of fibronectin pre-messenger RNA at ED-A, ED-B, and CS1 regions in human liver tumors.
Cancer Res. 1993 May 1;53(9):2005-11.
PMID: 8481903 [PubMed - indexed for MEDLINE]
- 430:** [Speight EL, Milne DS, Lawrence CM.](#) Related Articles, Links
 Secondary localized cutaneous amyloid in Bowen's disease.
Clin Exp Dermatol. 1993 May;18(3):286-8.
PMID: 8348730 [PubMed - indexed for MEDLINE]
- 431:** [Imaizumi K, Iwata H, Yoshida S, Sun G, Okumura N, Shiosaka S.](#) Related Articles, Links
 Coexistence of amyloid beta-protein precursor and basic fibroblast growth factor in single cells of the rat parietal cortex, hippocampus and basal magnocellular nucleus.
J Chem Neuroanat. 1993 May-Jun;6(3):159-65.
PMID: 8343215 [PubMed - indexed for MEDLINE]
- [Piccardo P, Dagenais A, Cuellar AC, St-Pierre S, Nalbantoglu J.](#) Related Articles, Links

432:



An antibody against the Alzheimer's disease amyloid precursor protein recognizes distinct conformational isoforms.

Histochemistry. 1993 May;99(5):347-53.
PMID: 8335481 [PubMed - indexed for MEDLINE]

433: [Van Gool D, De Strooper B, Van Leuven F, Triau E, Dom R.](#) Related Articles, Links



alpha 2-Macroglobulin expression in neuritic-type plaques in patients with Alzheimer's disease.

Neurobiol Aging. 1993 May-Jun;14(3):233-7.
PMID: 7686641 [PubMed - indexed for MEDLINE]

434: [Rozemuller AJ, Roos RA, Bots GT, Kamphorst W, Eikelenboom P, Van Nostrand WE.](#) Related Articles, Links



Distribution of beta/A4 protein and amyloid precursor protein in hereditary cerebral hemorrhage with amyloidosis-Dutch type and Alzheimer's disease.

Am J Pathol. 1993 May;142(5):1449-57. Review.
PMID: 7684195 [PubMed - indexed for MEDLINE]

435: [Lahiri DK.](#) Related Articles, Links



The stability of beta-amyloid precursor protein in nine different cell types.

Biochem Mol Biol Int. 1993 Apr;29(5):849-58.
PMID: 8508138 [PubMed - indexed for MEDLINE]

436: [Gaskin F, Finley J, Fang Q, Xu S, Fu SM.](#) Related Articles, Links



Human antibodies reactive with beta-amyloid protein in Alzheimer's disease.

J Exp Med. 1993 Apr 1;177(4):1181-6.
PMID: 8459212 [PubMed - indexed for MEDLINE]

437: [al-Mutlaq H, Wheeler J, Robertson H, Watchorn C, Morley AR.](#) Related Articles, Links



Tissue distribution of amyloid P component as defined by a monoclonal antibody produced by immunization with human glomerular basement membranes.

Histochem J. 1993 Mar;25(3):219-27.
PMID: 8473201 [PubMed - indexed for MEDLINE]

438: [Masliah E, Mallory M, Hansen L, Alford M, DeTeresa R, Terry R.](#) Related Articles, Links



An antibody against phosphorylated neurofilaments identifies a subset of damaged association axons in Alzheimer's disease.

Am J Pathol. 1993 Mar;142(3):871-82.
PMID: 8456946 [PubMed - indexed for MEDLINE]

439: [Maini RN, Brennan FM, Williams R, Chu CQ, Cope AP, Gibbons D, Elliott M, Feldmann M.](#) Related Articles, Links




















TNF-alpha in rheumatoid arthritis and prospects of anti-TNF therapy.










Clin Exp Rheumatol. 1993 Mar-Apr;11 Suppl 8:S173-5. Review.
PMID: 8391952 [PubMed - indexed for MEDLINE]

440: [van den Born J, van den Heuvel LP, Bakker MA, Veerkamp JH, Assmann KJ, Weening JJ, Berden JH.](#) Related Articles, Links

Distribution of GBM heparan sulfate proteoglycan core protein and side

-  chains in human glomerular diseases.
Kidney Int. 1993 Feb;43(2):454-63.
PMID: 8441243 [PubMed - indexed for MEDLINE]
- 441:** Stenstad T, Magnus JH, Husby G, Kolset SO. Related Articles, Links
-  Purification of amyloid-associated heparan sulphate proteoglycans and galactosaminoglycan free chains from human tissues.
Scand J Immunol. 1993 Feb;37(2):227-35.
PMID: 8434233 [PubMed - indexed for MEDLINE]
- 442:** Buee L, Ding W, Delacourte A, Fillit H. Related Articles, Links
-  Binding of secreted human neuroblastoma proteoglycans to the Alzheimer's amyloid A4 peptide.
Brain Res. 1993 Jan 22;601(1-2):154-63.
PMID: 8431762 [PubMed - indexed for MEDLINE]
- 443:** Seubert P, Oltersdorf T, Lee MG, Barbour R, Blomquist C, Davis DL, Bryant K, Fritz LC, Galasko D, Thal LJ, et al. Related Articles, Links
-  Secretion of beta-amyloid precursor protein cleaved at the amino terminus of the beta-amyloid peptide.
Nature. 1993 Jan 21;361(6409):260-3.
PMID: 7678698 [PubMed - indexed for MEDLINE]
- 444:** Nelson PT, Marton L, Saper CB. Related Articles, Links
-  Alz-50 immunohistochemistry in the normal sheep striatum: a light and electron microscope study.
Brain Res. 1993 Jan 15;600(2):285-97.
PMID: 8094642 [PubMed - indexed for MEDLINE]
- 445:** Bellotti V, Stoppini M, Perfetti V, Zorzoli I, Marinone G, Maggi A, Invernizzi R, Arbustini E, Merlini G. Related Articles, Links
-  Application of monoclonal anti-idiotypes in the study of AL amyloidosis: therapeutic implications.
Ren Fail. 1993;15(3):365-71.
PMID: 8516492 [PubMed - indexed for MEDLINE]
- 446:** Cole G, Neal JW, Singhrao SK, Jasani B, Newman GR. Related Articles, Links
-  The distribution of amyloid plaques in the cerebellum and brain stem in Down's syndrome and Alzheimer's disease: a light microscopical analysis.
Acta Neuropathol (Berl). 1993;85(5):542-52.
PMID: 8493862 [PubMed - indexed for MEDLINE]
- 447:** Ota M, Imai K, Saito N, Ito F, Tsujisaki M, Sugiyama T, Hinoda Y, Yachi A, Kasai M, Kawaharada M, et al. Related Articles, Links
-  [Immunological study on Alzheimer's disease using anti-beta-protein monoclonal antibodies]
Nippon Ronen Igakkai Zasshi. 1993 Jan;30(1):23-9. Japanese.
PMID: 8474224 [PubMed - indexed for MEDLINE]
- 448:** Takahashi H, Utsuyama M, Kurashima C, Mori H, Hirokawa K. Related Articles, Links
-  Monoclonal antibody to beta peptide, recognizing amyloid deposits, neuronal cells and lipofuscin pigments in systemic organs.
Acta Neuropathol (Berl). 1993;85(2):159-66.
PMID: 8442408 [PubMed - indexed for MEDLINE]









- 449:** [Yamada T, Nomata Y, Sugita O, Okada M.](#) Related Articles, Links
 A rapid method for measuring serum amyloid A protein by latex agglutination nephelometric immunoassay.
Ann Clin Biochem. 1993 Jan;30 (Pt 1):72-6.
PMID: 8434870 [PubMed - indexed for MEDLINE]
- 450:** [Sunada Y, Shimizu T, Nakase H, Ohta S, Asaoka T, Amano S, Sawa M, Kagawa Y, Kanazawa I, Mannen T.](#) Related Articles, Links
 Inherited amyloid polyneuropathy type IV (gelsolin variant) in a Japanese family.
Ann Neurol. 1993 Jan;33(1):57-62.
PMID: 8388189 [PubMed - indexed for MEDLINE]
- 451:** [Wisniewski HM, Weigel J.](#) Related Articles, Links
 Migration of perivascular cells into the neuropil and their involvement in beta-amyloid plaque formation.
Acta Neuropathol (Berl). 1993;85(6):586-95.
PMID: 8337937 [PubMed - indexed for MEDLINE]
- 452:** [Swanson SJ, Christner RB, Mortensen RF.](#) Related Articles, Links
 Human serum amyloid P-component (SAP) selectively binds to immobilized or bound forms of C-reactive protein (CRP).
Biochim Biophys Acta. 1992 Dec 28;1160(3):309-16.
PMID: 1477104 [PubMed - indexed for MEDLINE]
- 453:** [Su JH, Cummings BJ, Cotman CW.](#) Related Articles, Links
 Localization of heparan sulfate glycosaminoglycan and proteoglycan core protein in aged brain and Alzheimer's disease.
Neuroscience. 1992 Dec;51(4):801-13.
PMID: 1488123 [PubMed - indexed for MEDLINE]
- 454:** [Perlmutter LS, Scott SA, Barron E, Chui HC.](#) Related Articles, Links
 MHC class II-positive microglia in human brain: association with Alzheimer lesions.
J Neurosci Res. 1992 Dec;33(4):549-58. Erratum in: J Neurosci Res 1993 Jun 15;35(3):346.
PMID: 1484388 [PubMed - indexed for MEDLINE]
- 455:** [Majocha RE, Reno JM, Friedland RP, VanHaight C, Lyle LR, Marotta CA.](#) Related Articles, Links
 Development of a monoclonal antibody specific for beta/A4 amyloid in Alzheimer's disease brain for application to in vivo imaging of amyloid angiopathy.
J Nucl Med. 1992 Dec;33(12):2184-9.
PMID: 1460513 [PubMed - indexed for MEDLINE]
- 456:** [Anderson JP, Chen Y, Kim KS, Robakis NK.](#) Related Articles, Links
 An alternative secretase cleavage produces soluble Alzheimer amyloid precursor protein containing a potentially amyloidogenic sequence.
J Neurochem. 1992 Dec;59(6):2328-31.
PMID: 1431910 [PubMed - indexed for MEDLINE]
- 457:** [Muller T, Sprenger H, Keuchel M, Neumann C, Ebel H, Gemsa D, Lange H.](#) Related Articles, Links

-  **Diagnosis of viral infections under therapy with OKT3 and antithymocyte globulin.**
Transplant Proc. 1992 Dec;24(6):2636-8. No abstract available.
PMID: 1334590 [PubMed - indexed for MEDLINE]
- 458:** Magnus JH, Stenstad T, Husby G, Kolset SO. [Related Articles, Links](#)
-  **Isolation and partial characterization of heparan sulphate proteoglycans from human hepatic amyloid.**
Biochem J. 1992 Nov 15;288 (Pt 1):225-31.
PMID: 1445267 [PubMed - indexed for MEDLINE]
- 459:** Pappolla MA, Omar RA, Sambamurti K, Anderson JP, Robakis NK. [Related Articles, Links](#)
-  **The genesis of the senile plaque. Further evidence in support of its neuronal origin.**
Am J Pathol. 1992 Nov;141(5):1151-9.
PMID: 1443049 [PubMed - indexed for MEDLINE]
- 460:** Cacabelos R, Fernandez-Novoa L, Perez-Trullen JM, Franco-Maside A, Alvarez XA. [Related Articles, Links](#)
-  **Serum histamine in Alzheimer's disease and multi-infarct dementia.**
Methods Find Exp Clin Pharmacol. 1992 Nov;14(9):711-5.
PMID: 1294859 [PubMed - indexed for MEDLINE]
- 461:** Hanger DP, Mann DM, Neary D, Anderton BH. [Related Articles, Links](#)
-  **Tau pathology in a case of familial Alzheimer's disease with a valine to glycine mutation at position 717 in the amyloid precursor protein.**
Neurosci Lett. 1992 Oct 12;145(2):178-80.
PMID: 1465214 [PubMed - indexed for MEDLINE]
- 462:** Bellotti V, Stoppini M, Perfetti V, Zorzoli I, Marinone G, Invernizzi R, Zambelli LM, Arbustini E, Grasso M, Ferri G, et al. [Related Articles, Links](#)
-  **Use of an anti-idiotypic monoclonal antibody in studying amyloidogenic light chains in cells, urine and fibrils: pathophysiology and clinical implications.**
Scand J Immunol. 1992 Oct;36(4):607-15.
PMID: 1411304 [PubMed - indexed for MEDLINE]
- 463:** Seubert P, Vigo-Pelfrey C, Esch F, Lee M, Dovey H, Davis D, Sinha S, Schlossmacher M, Whaley J, Swindlehurst C, et al. [Related Articles, Links](#)
-  **Isolation and quantification of soluble Alzheimer's beta-peptide from biological fluids.**
Nature. 1992 Sep 24;359(6393):325-7.
PMID: 1406936 [PubMed - indexed for MEDLINE]
- 464:** Fernandez MC, Mullenix MC, Christner RB, Mortensen RF. [Related Articles, Links](#)
-  **A cell attachment peptide from human C-reactive protein.**
J Cell Biochem. 1992 Sep;50(1):83-92.
PMID: 1429876 [PubMed - indexed for MEDLINE]
- 465:** Knops J, Lieberburg I, Sinha S. [Related Articles, Links](#)
-  **Evidence for a nonsecretory, acidic degradation pathway for amyloid precursor protein in 293 cells. Identification of a novel, 22-kDa, beta-peptide-containing intermediate.**

J Biol Chem. 1992 Aug 15;267(23):16022-4.
 PMID: 1644790 [PubMed - indexed for MEDLINE]

- 466:** [Tate B, Aboody-Guterman KS, Morris AM, Walcott EC, Majocha RE, Marotta CA.](#) Related Articles, Links
 Disruption of circadian regulation by brain grafts that overexpress Alzheimer beta/A4 amyloid.
 Proc Natl Acad Sci U S A. 1992 Aug 1;89(15):7090-4.
 PMID: 1496005 [PubMed - indexed for MEDLINE]
- 467:** [Sunada Y, Shimizu T, Mannen T, Kanazawa I.](#) Related Articles, Links
 [Familial amyloidotic polyneuropathy type IV (Finnish type)--the first description of a large kindred in Japan]
 Rinsho Shinkeigaku. 1992 Aug;32(8):826-33. Japanese.
 PMID: 1337023 [PubMed - indexed for MEDLINE]
- 468:** [Bush AI, Whyte S, Thomas LD, Williamson TG, Van Tiggelen CJ, Currie J, Small DH, Moir RD, Li QX, Rumble B, et al.](#) Related Articles, Links
 An abnormality of plasma amyloid protein precursor in Alzheimer's disease.
 Ann Neurol. 1992 Jul;32(1):57-65.
 PMID: 1642473 [PubMed - indexed for MEDLINE]
- 469:** [Horiguchi Y, Fine JD, Leigh IM, Yoshiki T, Ueda M, Imamura S.](#) Related Articles, Links
 Lamina densa malformation involved in histogenesis of primary localized cutaneous amyloidosis.
 J Invest Dermatol. 1992 Jul;99(1):12-8.
 PMID: 1607675 [PubMed - indexed for MEDLINE]
- 470:** [Arai H, Schmidt ML, Lee VM, Hurtig HI, Greenberg BD, Adler CH, Trojanowski JQ.](#) Related Articles, Links
 Epitope analysis of senile plaque components in the hippocampus of patients with Parkinson's disease.
 Neurology. 1992 Jul;42(7):1315-22.
 PMID: 1377804 [PubMed - indexed for MEDLINE]
- 471:** [Kim T, Choi BH, Choe W, Kim RC, Van Nostrand W, Wagner S, Cunningham D.](#) Related Articles, Links
 Expression of protease nexin-II in human dorsal root ganglia. A correlative immunocytochemical and in situ hybridization study.
 Mol Chem Neuropathol. 1992 Jun;16(3):225-39.
 PMID: 1418219 [PubMed - indexed for MEDLINE]
- 472:** [Ying SC, Marchalonis JJ, Gewurz AT, Siegel JN, Jiang H, Gewurz BE, Gewurz H.](#) Related Articles, Links
 Reactivity of anti-human C-reactive protein (CRP) and serum amyloid P component (SAP) monoclonal antibodies with limulin and pentraxins of other species.
 Immunology. 1992 Jun;76(2):324-30.
 PMID: 1378818 [PubMed - indexed for MEDLINE]
- 473:** [Cummings BJ, Su JH, Geddes JW, Van Nostrand WE, Wagner SL, Cunningham DD, Cotman CW.](#) Related Articles, Links
 Aggregation of the amyloid precursor protein within degenerating neurons and dystrophic neurites in Alzheimer's disease.
 Neuroscience. 1992 Jun;48(4):763-77.

PMID: 1378573 [PubMed - indexed for MEDLINE]

- 474:** [Loeffler KU, Edward DP, Tso MO.](#) Related Articles, Links
 An immunohistochemical study of gelsolin immunoreactivity in corneal amyloidosis.
 Am J Ophthalmol. 1992 May 15;113(5):546-54.
 PMID: 1315488 [PubMed - indexed for MEDLINE]
- 475:** [de Krijger RR, Aanstoot HJ, Kranenburg G, Verkerk A, Jongkind JF, van Strik R, Lafferty KJ, Bruining GJ.](#) Related Articles, Links
 Enrichment of beta cells from the human fetal pancreas by fluorescence activated cell sorting with a new monoclonal antibody.
 Diabetologia. 1992 May;35(5):436-43.
 PMID: 1521725 [PubMed - indexed for MEDLINE]
- 476:** [Buxbaum J.](#) Related Articles, Links
 Mechanisms of disease: monoclonal immunoglobulin deposition. Amyloidosis, light chain deposition disease, and light and heavy chain deposition disease.
 Hematol Oncol Clin North Am. 1992 Apr;6(2):323-46. Review.
 PMID: 1582976 [PubMed - indexed for MEDLINE]
- 477:** [Urdal P, Borch SM, Landaas S, Krutnes MB, Gogstad GO, Hjortdahl P.](#) Related Articles, Links
 Rapid immunometric measurement of C-reactive protein in whole blood.
 Clin Chem. 1992 Apr;38(4):580-4.
 PMID: 1568327 [PubMed - indexed for MEDLINE]
- 478:** [Kyle RA, Linos A, Beard CM, Linke RP, Gertz MA, O'Fallon WM, Kurland LT.](#) Related Articles, Links
 Incidence and natural history of primary systemic amyloidosis in Olmsted County, Minnesota, 1950 through 1989.
 Blood. 1992 Apr 1;79(7):1817-22.
 PMID: 1558973 [PubMed - indexed for MEDLINE]
- 479:** [Van Nostrand WE, Wagner SL, Shankle WR, Farrow JS, Dick M, Rozemuller JM, Kuiper MA, Wolters EC, Zimmerman J, Cotman CW, et al.](#) Related Articles, Links
 Decreased levels of soluble amyloid beta-protein precursor in cerebrospinal fluid of live Alzheimer disease patients.
 Proc Natl Acad Sci U S A. 1992 Apr 1;89(7):2551-5.
 PMID: 1557359 [PubMed - indexed for MEDLINE]
- 480:** [Miao SY, Liu QY, Wang LF, Zhao M, Yan YC, Koide SS.](#) Related Articles, Links
 Expression of a gene encoding a specific human sperm protein in Chinese hamster ovarian cells.
 Arch Androl. 1992 Mar-Apr;28(2):91-7.
 PMID: 1520040 [PubMed - indexed for MEDLINE]
- 481:** [Ohgami T, Kitamoto T, Tateishi J.](#) Related Articles, Links
 Alzheimer's amyloid precursor protein accumulates within axonal swellings in human brain lesions.
 Neurosci Lett. 1992 Feb 17;136(1):75-8.
 PMID: 1635670 [PubMed - indexed for MEDLINE]
- 482:** [Wisniewski KE, Gordon-Majszak W, Maslinski S, Heaney-](#) Related Articles, Links

Kieras J.



Altered protein patterns in brains of children with neuronal ceroid lipofuscinosis.

Am J Med Genet. 1992 Feb 15;42(4):568-74.
PMID: 1376969 [PubMed - indexed for MEDLINE]

- 483:** Wunderlich D, Lee A, Fracasso RP, Mierz DV, Bayney RM, Ramabhadran TV. Related Articles, Links



Use of recombinant fusion proteins for generation and rapid characterization of monoclonal antibodies. Application to the Kunitz domain of human beta amyloid precursor protein.

J Immunol Methods. 1992 Feb 14;147(1):1-11.
PMID: 1371794 [PubMed - indexed for MEDLINE]

- 484:** Delvaux A, Van der Elst L, Octave JN. Related Articles, Links



Inhibition of trypsin by the beta-amyloid protein precursor. A comparative study between transfected cells, human brain and cerebrospinal fluid.

FEBS Lett. 1992 Feb 3;297(1-2):124-6.
PMID: 1551418 [PubMed - indexed for MEDLINE]

- 485:** Perry G, Cras P, Siedlak SL, Tabaton M, Kawai M. Related Articles, Links



Beta protein immunoreactivity is found in the majority of neurofibrillary tangles of Alzheimer's disease.

Am J Pathol. 1992 Feb;140(2):283-90.
PMID: 1739122 [PubMed - indexed for MEDLINE]

- 486:** Candy JM, McArthur FK, Oakley AE, Taylor GA, Chen CP, Mountfort SA, Thompson JE, Chalker PR, Bishop HE, Beyreuther K, et al. Related Articles, Links



Aluminium accumulation in relation to senile plaque and neurofibrillary tangle formation in the brains of patients with renal failure.

J Neurol Sci. 1992 Feb;107(2):210-8.
PMID: 1564520 [PubMed - indexed for MEDLINE]

- 487:** Murphy GM Jr, Ellis WG, Lee YL, Stultz KE, Shrivastava R, Tinklenberg JR, Eng LF. Related Articles, Links



Astrocytic gliosis in the amygdala in Down's syndrome and Alzheimer's disease.

Prog Brain Res. 1992;94:475-83. No abstract available.
PMID: 1287731 [PubMed - indexed for MEDLINE]

- 488:** Hyman BT, Tanzi RE, Marzloff K, Barbour R, Schenk D. Related Articles, Links



Kunitz protease inhibitor-containing amyloid beta protein precursor immunoreactivity in Alzheimer's disease.

J Neuropathol Exp Neurol. 1992 Jan;51(1):76-83.
PMID: 1740675 [PubMed - indexed for MEDLINE]










- 489:** Yan YC, Miao SY, Zong C, Li YH, Wang LF, Koide SS. Related Articles, Links



Gene expression of human sperm component related to A4 amyloid precursor protein.

Arch Androl. 1992 Jan-Feb;28(1):1-6.
PMID: 1550421 [PubMed - indexed for MEDLINE]

- 490:** Nukina N, Kanazawa I, Mannen T, Uchida Y. Related Articles, Links

-  Accumulation of amyloid precursor protein and beta-protein immunoreactivities in axons injured by cerebral infarct. *Gerontology*. 1992;38 Suppl 1:10-4. PMID: 1459467 [PubMed - indexed for MEDLINE]
- 491:** [Choi-Miura NH, Ihara Y, Fukuchi K, Takeda M, Nakano Y, Tobe T, Tomita M.](#) Related Articles, Links
SP-40,40 is a constituent of Alzheimer's amyloid. *Acta Neuropathol (Berl)*. 1992;83(3):260-4. PMID: 1373021 [PubMed - indexed for MEDLINE]
-  SP-40,40 is a constituent of Alzheimer's amyloid. *Acta Neuropathol (Berl)*. 1992;83(3):260-4. PMID: 1373021 [PubMed - indexed for MEDLINE]
- 492:** [Snow AD, Mar H, Nochlin D, Kresse H, Wight TN.](#) Related Articles, Links
Peripheral distribution of dermatan sulfate proteoglycans (decorin) in amyloid-containing plaques and their presence in neurofibrillary tangles of Alzheimer's disease. *J Histochem Cytochem*. 1992 Jan;40(1):105-13. PMID: 1370306 [PubMed - indexed for MEDLINE]
-  Peripheral distribution of dermatan sulfate proteoglycans (decorin) in amyloid-containing plaques and their presence in neurofibrillary tangles of Alzheimer's disease. *J Histochem Cytochem*. 1992 Jan;40(1):105-13. PMID: 1370306 [PubMed - indexed for MEDLINE]
- 493:** [Neuhold N, Langle F, Gnant M, Hollenstein U, Niederle B.](#) Related Articles, Links
Relationship of CD15 immunoreactivity and prognosis in sporadic medullary thyroid carcinoma. *J Cancer Res Clin Oncol*. 1992;118(8):629-34. PMID: 1355485 [PubMed - indexed for MEDLINE]
-  Relationship of CD15 immunoreactivity and prognosis in sporadic medullary thyroid carcinoma. *J Cancer Res Clin Oncol*. 1992;118(8):629-34. PMID: 1355485 [PubMed - indexed for MEDLINE]
- 494:** [McDonald TL, Weber A, Smith JW.](#) Related Articles, Links
A monoclonal antibody sandwich immunoassay for serum amyloid A (SAA) protein. *J Immunol Methods*. 1991 Nov 22;144(2):149-55. PMID: 1720442 [PubMed - indexed for MEDLINE]
-  A monoclonal antibody sandwich immunoassay for serum amyloid A (SAA) protein. *J Immunol Methods*. 1991 Nov 22;144(2):149-55. PMID: 1720442 [PubMed - indexed for MEDLINE]
- 495:** [Schubert W, Prior R, Weidemann A, Dircksen H, Multhaup G, Masters CL, Beyreuther K.](#) Related Articles, Links
Localization of Alzheimer beta A4 amyloid precursor protein at central and peripheral synaptic sites. *Brain Res*. 1991 Nov 1;563(1-2):184-94. PMID: 1786532 [PubMed - indexed for MEDLINE]
-  Localization of Alzheimer beta A4 amyloid precursor protein at central and peripheral synaptic sites. *Brain Res*. 1991 Nov 1;563(1-2):184-94. PMID: 1786532 [PubMed - indexed for MEDLINE]
- 496:** [Arai H, Lee VM, Messinger ML, Greenberg BD, Lowery DE, Trojanowski JQ.](#) Related Articles, Links
Expression patterns of beta-amyloid precursor protein (beta-APP) in neural and nonneural human tissues from Alzheimer's disease and control subjects. *Ann Neurol*. 1991 Nov;30(5):686-93. PMID: 1763893 [PubMed - indexed for MEDLINE]
-  Expression patterns of beta-amyloid precursor protein (beta-APP) in neural and nonneural human tissues from Alzheimer's disease and control subjects. *Ann Neurol*. 1991 Nov;30(5):686-93. PMID: 1763893 [PubMed - indexed for MEDLINE]
- 497:** [Frautschy SA, Baird A, Cole GM.](#) Related Articles, Links
Effects of injected Alzheimer beta-amyloid cores in rat brain. *Proc Natl Acad Sci U S A*. 1991 Oct 1;88(19):8362-6. PMID: 1924295 [PubMed - indexed for MEDLINE]
-  Effects of injected Alzheimer beta-amyloid cores in rat brain. *Proc Natl Acad Sci U S A*. 1991 Oct 1;88(19):8362-6. PMID: 1924295 [PubMed - indexed for MEDLINE]
- 498:** [Ohmori T, Uruga N, Tabei R.](#) Related Articles, Links
Warthin's tumor as a hamartomatous dysplastic lesion: a histochemical and immunohistochemical study. *Histol Histopathol*. 1991 Oct;6(4):559-65. PMID: 1804434 [PubMed - indexed for MEDLINE]
-  Warthin's tumor as a hamartomatous dysplastic lesion: a histochemical and immunohistochemical study. *Histol Histopathol*. 1991 Oct;6(4):559-65. PMID: 1804434 [PubMed - indexed for MEDLINE]

499: [Chiba N.](#)[Related Articles, Links](#)

[Immunohistochemical study on the extracellular matrix components in various renal diseases]

Nippon Jinzo Gakkai Shi. 1991 Oct;33(10):925-38. Japanese.
PMID: 1770626 [PubMed - indexed for MEDLINE]

 500: [Swanson SJ, Mullenix MC, Mortensen RF.](#)[Related Articles, Links](#)

Monoclonal antibodies to the calcium-binding region peptide of human C-reactive protein alter its conformation.

J Immunol. 1991 Oct 1;147(7):2248-52.
PMID: 1717553 [PubMed - indexed for MEDLINE]

Items 1 - 500 of 638

Page

1

of 2 Next

Display

Summary



Show

500



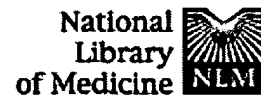
Sort by



Send to

[Write to the Help Desk](#)[NCBI](#) | [NLM](#) | [NIH](#)[Department of Health & Human Services](#)[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for human monoclonal antibody AND amyloid

Limits Preview/Index History Clipboard Details

Display Summary Show 500 Sort by Send to

About Entrez

Text Version

All: 638 Review: 39

Items 501 - 638 of 638

Previous Page 2 of 2

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI (Cubby)

Related Resources

Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

501: [McDonald B, Esiri MM, McIlhinney RA.](#) [Related Articles, Links](#)



A monoclonal antibody that reacts immunohistochemically with amyloid deposits in the brain tissue of Alzheimer patients binds to an epitope present on complement factor 4.

J Neurochem. 1991 Oct;57(4):1172-7.

PMID: 1716661 [PubMed - indexed for MEDLINE]

502: [Muller T, Keuchel M, Schindler S, Steinmetz A, Feiber H, Lange H.](#) [Related Articles, Links](#)



[Differential diagnosis of transplant function disorders in therapy with monoclonal antibodies OKT3]

Helv Chir Acta. 1991 Sep;58(3):271-5. German.

PMID: 1769844 [PubMed - indexed for MEDLINE]

503: [Gheuens J, Cras P, Perry G, Boons J, Ceuterick-de Groote C, Lubke U, Mercken M, Tabaton M, Gambetti PL, Vandermeeren M, et al.](#) [Related Articles, Links](#)



Demonstration of a novel neurofilament associated antigen with the neurofibrillary pathology of Alzheimer and related diseases.

Brain Res. 1991 Aug 30;558(1):43-52.

PMID: 1718569 [PubMed - indexed for MEDLINE]

504: [McKee AC, Kosik KS, Kowall NW.](#) [Related Articles, Links](#)



Neuritic pathology and dementia in Alzheimer's disease.

Ann Neurol. 1991 Aug;30(2):156-65.

PMID: 1910274 [PubMed - indexed for MEDLINE]

505: [Siedlak SL, Cras P, Kawai M, Richey P, Perry G.](#) [Related Articles, Links](#)



Basic fibroblast growth factor binding is a marker for extracellular neurofibrillary tangles in Alzheimer disease.

J Histochem Cytochem. 1991 Jul;39(7):899-904.

PMID: 1865106 [PubMed - indexed for MEDLINE]

506: [Munoz DG.](#) [Related Articles, Links](#)











Chromogranin A-like immunoreactive neurites are major constituents of senile plaques.

Lab Invest. 1991 Jun;64(6):826-32.

PMID: 1710735 [PubMed - indexed for MEDLINE]

507: [Bauer J, Konig G, Strauss S, Jonas U, Ganter U, Weidemann A, Monning U, Masters CL, Volk B, Berger M, et al.](#) [Related Articles, Links](#)

-  In-vitro matured human macrophages express Alzheimer's beta A4-amyloid precursor protein indicating synthesis in microglial cells.
FEBS Lett. 1991 May 6;282(2):335-40.
PMID: 1903718 [PubMed - indexed for MEDLINE]
- 508:** [Knops J, Johnson-Wood K, Schenk DB, Sinha S, Lieberburg I, McConlogue L.](#) Related Articles, Links
-  Isolation of baculovirus-derived secreted and full-length beta-amyloid precursor protein.
J Biol Chem. 1991 Apr 15;266(11):7285-90.
PMID: 1901866 [PubMed - indexed for MEDLINE]
- 509:** [Henriksson T, Barbour RM, Braa S, Ward P, Fritz LC, Johnson-Wood K, Chung HD, Burke W, Reinikainen KJ, Riekkinen P, et al.](#) Related Articles, Links
-  Analysis and quantitation of the beta-amyloid precursor protein in the cerebrospinal fluid of Alzheimer's disease patients with a monoclonal antibody-based immunoassay.
J Neurochem. 1991 Mar;56(3):1037-42.
PMID: 1899691 [PubMed - indexed for MEDLINE]
- 510:** [Yap SH, Moshage HJ, Hazenberg BP, Roelofs HM, Bijzet J, Limburg PC, Aarden LA, van Rijswijk MH.](#) Related Articles, Links
-  Tumor necrosis factor (TNF) inhibits interleukin (IL)-1 and/or IL-6 stimulated synthesis of C-reactive protein (CRP) and serum amyloid A (SAA) in primary cultures of human hepatocytes.
Biochim Biophys Acta. 1991 Feb 19;1091(3):405-8.
PMID: 2001421 [PubMed - indexed for MEDLINE]
- 511:** [Richards SJ, Waters JJ, Beyreuther K, Masters CL, Wischik CM, Sparkman DR, White CL III, Abraham CR, Dunnett SB.](#) Related Articles, Links
-  Transplants of mouse trisomy 16 hippocampus provide a model of Alzheimer's disease neuropathology.
EMBO J. 1991 Feb;10(2):297-303.
PMID: 1899372 [PubMed - indexed for MEDLINE]
- 512:** [Brion JP, Couck AM, Bruce M, Anderton B, Flament-Durand J.](#) Related Articles, Links
-  Synaptophysin and chromogranin A immunoreactivities in senile plaques of Alzheimer's disease.
Brain Res. 1991 Jan 18;539(1):143-50.
PMID: 1901750 [PubMed - indexed for MEDLINE]
- 513:** [Sato M, Ikeda K, Haga S, Allsop D, Ishii T.](#) Related Articles, Links
-  A monoclonal antibody to common acute lymphoblastic leukemia antigen (neutral endopeptidase) immunostains senile plaques in the brains of patients with Alzheimer's disease.
Neurosci Lett. 1991 Jan 2;121(1-2):271-3.
PMID: 1708483 [PubMed - indexed for MEDLINE]
- 514:** [Monteiro JG, Martins AF, Figueira A, Saraiva MJ, Costa PP.](#) Related Articles, Links
-  Ocular changes in familial amyloidotic polyneuropathy with dense vitreous opacities.
Eye. 1991;5 (Pt 1):99-105.
PMID: 2060679 [PubMed - indexed for MEDLINE]
- 515:** [Mori M, Yamada K, Kasai T, Yamada T, Shimokawa H, Sasaki](#) Related Articles, Links

S.



Immunohistochemical expression of amelogenins in odontogenic epithelial tumours and cysts.

Virchows Arch A Pathol Anat Histopathol. 1991;418(4):319-25.
PMID: 2024453 [PubMed - indexed for MEDLINE]

- 516:** [Rozemuller JM, Abbink JJ, Kamp AM, Stam FC, Hack CE, Eikelenboom P.](#) Related Articles, Links



Distribution pattern and functional state of alpha 1-antichymotrypsin in plaques and vascular amyloid in Alzheimer's disease. A immunohistochemical study with monoclonal antibodies against native and inactivated alpha 1-antichymotrypsin.

Acta Neuropathol (Berl). 1991;82(3):200-7.
PMID: 1927277 [PubMed - indexed for MEDLINE]

- 517:** [Davies P.](#) Related Articles, Links



Therapy for Alzheimer's disease: choosing a target.

Clin Neuropharmacol. 1991;14 Suppl 1:S24-33. Review.
PMID: 1913707 [PubMed - indexed for MEDLINE]

- 518:** [Takahashi H, Hirokawa K, Ando S, Obata K.](#) Related Articles, Links



Immunohistological study on brains of Alzheimer's disease using antibodies to fetal antigens, C-series gangliosides and microtubule-associated protein 5.

Acta Neuropathol (Berl). 1991;81(6):626-31.
PMID: 1909079 [PubMed - indexed for MEDLINE]

- 519:** [Wisniewski HM, Barcikowska M, Kida E.](#) Related Articles, Links



Phagocytosis of beta/A4 amyloid fibrils of the neuritic neocortical plaques.

Acta Neuropathol (Berl). 1991;81(5):588-90.
PMID: 1858487 [PubMed - indexed for MEDLINE]

- 520:** [Becker L, Mito T, Takashima S, Onodera K.](#) Related Articles, Links



Growth and development of the brain in Down syndrome.

Prog Clin Biol Res. 1991;373:133-52. Review.
PMID: 1838182 [PubMed - indexed for MEDLINE]

- 521:** [Talamo BR, Feng WH, Perez-Cruet M, Adelman L, Kosik K, Lee MY, Cork LC, Kauer JS.](#) Related Articles, Links



Pathologic changes in olfactory neurons in Alzheimer's disease.

Ann N Y Acad Sci. 1991;640:1-7. Review.
PMID: 1776726 [PubMed - indexed for MEDLINE]

- 522:** [Shamsudinov NSh.](#) Related Articles, Links



[Salivary gland adenolymphomas as seen in current histochemical and immunomorphological research]









Vopr Onkol. 1991;37(11-12):1068-71. Russian.
PMID: 1726990 [PubMed - indexed for MEDLINE]









- 523:** [Seron D, Cameron JS, Haskard DO.](#) Related Articles, Links




















Expression of VCAM-1 in the normal and diseased kidney.

Nephrol Dial Transplant. 1991;6(12):917-22.
PMID: 1724689 [PubMed - indexed for MEDLINE]

- 524:** [Orfila C, Lepert JC, Modesto A, Bernadet P, Suc JM.](#) Related Articles, Links
 Fanconi's syndrome, kappa light-chain myeloma, non-amyloid fibrils and cytoplasmic crystals in renal tubular epithelium.
Am J Nephrol. 1991;11(4):345-9.
PMID: 1665955 [PubMed - indexed for MEDLINE]
- 525:** [Kawai M, Kalaria RN, Harik SI, Perry G.](#) Related Articles, Links
 The relationship of amyloid plaques to cerebral capillaries in Alzheimer's disease.
Am J Pathol. 1990 Dec;137(6):1435-46.
PMID: 2260630 [PubMed - indexed for MEDLINE]
- 526:** [Snow AD, Mar H, Nochlin D, Sekiguchi RT, Kimata K, Koike Y, Wight TN.](#) Related Articles, Links
 Early accumulation of heparan sulfate in neurons and in the beta-amyloid protein-containing lesions of Alzheimer's disease and Down's syndrome.
Am J Pathol. 1990 Nov;137(5):1253-70.
PMID: 2146882 [PubMed - indexed for MEDLINE]
- 527:** [Snow AD, Wight TN, Nochlin D, Koike Y, Kimata K, DeArmond SJ, Prusiner SB.](#) Related Articles, Links
 Immunolocalization of heparan sulfate proteoglycans to the prion protein amyloid plaques of Gerstmann-Straussler syndrome, Creutzfeldt-Jakob disease and scrapie.
Lab Invest. 1990 Nov;63(5):601-11.
PMID: 1977959 [PubMed - indexed for MEDLINE]
- 528:** [Bush AI, Martins RN, Rumble B, Moir R, Fuller S, Milward E, Currie J, Ames D, Weidemann A, Fischer P, et al.](#) Related Articles, Links
 The amyloid precursor protein of Alzheimer's disease is released by human platelets.
J Biol Chem. 1990 Sep 15;265(26):15977-83.
PMID: 2118534 [PubMed - indexed for MEDLINE]
- 529:** [Kametani F, Tanaka K, Sato M, Haga S, Saitoh T, Shinoda T, Ishii T.](#) Related Articles, Links
 A monoclonal antibody Hy20-54-16-3L to lambda (lambda) light chain of human immunoglobulin reacts with amyloid in Alzheimer's disease brain.
Neurosci Lett. 1990 Sep 4;117(1-2):62-7.
PMID: 2127088 [PubMed - indexed for MEDLINE]
- 530:** [Bondareff W, Wischik CM, Novak M, Amos WB, Klug A, Roth M.](#) Related Articles, Links
 Molecular analysis of neurofibrillary degeneration in Alzheimer's disease. An immunohistochemical study.
Am J Pathol. 1990 Sep;137(3):711-23.
PMID: 2169192 [PubMed - indexed for MEDLINE]
- 531:** [Kanemaru K, Hasegawa M, Shimada H, Ihara Y.](#) Related Articles, Links
 The presence of a novel protein in calf serum that recognizes beta amyloid in the formalin-fixed section.
Am J Pathol. 1990 Sep;137(3):677-87.
PMID: 1698030 [PubMed - indexed for MEDLINE]

- 532:** [Cras P, Gheuens J, Lubke U, Boons J, Vandermeeren M, Van Heuverswijn H, Martin JJ.](#) Related Articles, Links
 A monoclonal antibody raised against Alzheimer cortex that specifically recognizes a subpopulation of microglial cells.
 J Histochem Cytochem. 1990 Aug;38(8):1201-7.
 PMID: 2195115 [PubMed - indexed for MEDLINE]
- 533:** [Catteruccia N, Willingale-Theune J, Bunke D, Prior R, Masters CL, Crisanti A, Beyreuther K.](#) Related Articles, Links
 Ultrastructural localization of the putative precursors of the A4 amyloid protein associated with Alzheimer's disease.
 Am J Pathol. 1990 Jul;137(1):19-26.
 PMID: 2372041 [PubMed - indexed for MEDLINE]
- 534:** [Tate-Ostroff B, Majocha RE, Walcott EC, Ventosa-Michelman M, Marotta CA.](#) Related Articles, Links
 Colocalization of amino terminal and A4 (beta-amyloid) antigens in Alzheimer plaques: evidence for coordinated processing of the amyloid precursor protein.
 J Geriatr Psychiatry Neurol. 1990 Jul-Sep;3(3):139-45.
 PMID: 2126439 [PubMed - indexed for MEDLINE]
- 535:** [Van Nostrand WE, Wagner SL, Farrow JS, Cunningham DD.](#) Related Articles, Links
 Immunopurification and protease inhibitory properties of protease nexin-2/amyloid beta-protein precursor.
 J Biol Chem. 1990 Jun 15;265(17):9591-4.
 PMID: 2112543 [PubMed - indexed for MEDLINE]
- 536:** [Haltia M, Ghiso J, Prelli F, Gallo G, Kiuru S, Somer H, Palo J, Frangione B.](#) Related Articles, Links
 Amyloid in familial amyloidosis, Finnish type, is antigenically and structurally related to gelsolin.
 Am J Pathol. 1990 Jun;136(6):1223-8.
 PMID: 2162627 [PubMed - indexed for MEDLINE]
- 537:** [Van Nostrand WE, Schmaier AH, Farrow JS, Cunningham DD.](#) Related Articles, Links
 Protease nexin-II (amyloid beta-protein precursor): a platelet alpha-granule protein.
 Science. 1990 May 11;248(4956):745-8.
 PMID: 2110384 [PubMed - indexed for MEDLINE]
- 538:** [Stern RA, Trojanowski JQ, Lee VM.](#) Related Articles, Links
 Antibodies to the beta-amyloid peptide cross-react with conformational epitopes in human fibrinogen subunits from peripheral blood.
 FEBS Lett. 1990 May 7;264(1):43-7.
 PMID: 1692541 [PubMed - indexed for MEDLINE]
- 539:** [Kitaguchi T, Wisniewski KE, Maslinski S, Maslinska D, Wisniewski TM, Kim KS.](#) Related Articles, Links
 Beta-protein immunoreactivity in brains of patients with neuronal ceroid lipofuscinosis: ultrastructural and biochemical demonstration.
 Neurosci Lett. 1990 May 4;112(2-3):155-60.
 PMID: 2193254 [PubMed - indexed for MEDLINE]
- 540:** [Liu FS.](#) Related Articles, Links

-  [Immunohistochemical and ultrastructural study on medullary carcinoma of the thyroid]
Zhonghua Zhong Liu Za Zhi. 1990 May;12(3):213-5. Chinese.
PMID: 2249597 [PubMed - indexed for MEDLINE]
- 541:** [Spillantini MG, Goedert M, Jakes R, Klug A.](#) Related Articles, Links
 Different configurational states of beta-amyloid and their distributions relative to plaques and tangles in Alzheimer disease.
Proc Natl Acad Sci U S A. 1990 May;87(10):3947-51.
PMID: 2111023 [PubMed - indexed for MEDLINE]
- 542:** [Singh Rao S, Cole G, Henderson WJ, Newman GR.](#) Related Articles, Links
 LR White embedding allows a multi-method approach to the analysis of brain tissue from patients with Alzheimer's disease.
Histochem J. 1990 May;22(5):257-68.
PMID: 1966829 [PubMed - indexed for MEDLINE]
- 543:** [Yan YC, Bai Y, Wang LF, Miao SY, Koide SS.](#) Related Articles, Links
 Characterization of cDNA encoding a human sperm membrane protein related to A4 amyloid protein.
Proc Natl Acad Sci U S A. 1990 Apr;87(7):2405-8.
PMID: 1690887 [PubMed - indexed for MEDLINE]
- 544:** [Arai H, Lee VM, Otvos L Jr, Greenberg BD, Lowery DE, Sharma SK, Schmidt ML, Trojanowski JQ.](#) Related Articles, Links
 Defined neurofilament, tau, and beta-amyloid precursor protein epitopes distinguish Alzheimer from non-Alzheimer senile plaques.
Proc Natl Acad Sci U S A. 1990 Mar;87(6):2249-53.
PMID: 1690426 [PubMed - indexed for MEDLINE]
- 545:** [Ohshima T, Endo T, Nukui H, Ikeda S, Allsop D, Onaya T.](#) Related Articles, Links
 Cerebral amyloid angiopathy as a cause of subarachnoid hemorrhage.
Stroke. 1990 Mar;21(3):480-3.
PMID: 2309274 [PubMed - indexed for MEDLINE]
- 546:** [Baretton G, Linke RP, Lohrs U.](#) Related Articles, Links
 [Systemic amyloidoses. Immunohistochemical typing at the time of autopsy using a series of specific antibodies]
Pathologe. 1990 Mar;11(2):71-9. German. No abstract available.
PMID: 2184427 [PubMed - indexed for MEDLINE]
- 547:** [Koo EH, Sisodia SS, Archer DR, Martin LJ, Weidemann A, Beyreuther K, Fischer P, Masters CL, Price DL.](#) Related Articles, Links
 Precursor of amyloid protein in Alzheimer disease undergoes fast anterograde axonal transport.
Proc Natl Acad Sci U S A. 1990 Feb;87(4):1561-5.
PMID: 1689489 [PubMed - indexed for MEDLINE]
- 548:** [Chou WG, Zain SB, Rehman S, Tate-Ostrov B, Majocha RE, Benes FM, Marotta CA.](#) Related Articles, Links
 Alzheimer cortical neurons containing abundant amyloid mRNA. Relationship to amyloid deposition and senile plaques.
J Psychiatr Res. 1990;24(1):37-50.
PMID: 2195164 [PubMed - indexed for MEDLINE]
- [Yamamoto K, Yamamoto M, Ishi-i K, Eitoku H, Ikuta S, Ishi-i](#)

- 549:** [T. Tomonaga M, Ooyama T.](#) Related Articles, Links
 Immunocytochemical identification of beta-protein precursor in cultured vascular cells.
Artery. 1990;17(4):213-32.
PMID: 2113803 [PubMed - indexed for MEDLINE]
- 550:** [Akiya S, Furukawa H, Sakamoto H, Takahashi H, Sakka Y.](#) Related Articles, Links
 Histopathologic and immunohistochemical findings in gelatinous drop-like corneal dystrophy.
Ophthalmic Res. 1990;22(6):371-6.
PMID: 2089348 [PubMed - indexed for MEDLINE]
- 551:** [Ishii M, Kobayashi H, Chanoki M, Fukai K, Kono T, Hamada T, Muragaki Y, Ooshima A.](#) Related Articles, Links
 Possible formation of cutaneous amyloid from degenerative collagen fibers. Ultrastructural collagen changes and the immunoreactivity of cutaneous amyloidosis employing anti-type I, III, IV, V collagen antibodies.
Acta Derm Venereol. 1990;70(5):378-84.
PMID: 1980969 [PubMed - indexed for MEDLINE]
- 552:** [Takahashi H, Kurashima C, Utsuyama M, Hirokawa K.](#) Related Articles, Links
 Immunohistological study of senile brains by using a monoclonal antibody recognizing beta amyloid precursor protein: significance of granular deposits in relation with senile plaques.
Acta Neuropathol (Berl). 1990;80(3):260-5.
PMID: 1698004 [PubMed - indexed for MEDLINE]
- 553:** [Wisniewski KE, Maslinska D, Kitaguchi T, Kim KS, Goebel HH, Haltia M.](#) Related Articles, Links
 Topographic heterogeneity of amyloid B-protein epitopes in brains with various forms of neuronal ceroid lipofuscinoses suggesting defective processing of amyloid precursor protein.
Acta Neuropathol (Berl). 1990;80(1):26-34.
PMID: 1694383 [PubMed - indexed for MEDLINE]
- 554:** [Suenaga T, Hirano A, Llena JF, Ksiezak-Reding H, Yen SH, Dickson DW.](#) Related Articles, Links
 Modified Bielschowsky and immunocytochemical studies on cerebellar plaques in Alzheimer's disease.
J Neuropathol Exp Neurol. 1990 Jan;49(1):31-40.
PMID: 1688924 [PubMed - indexed for MEDLINE]
- 555:** [Linke RP, Huhn D, Casanova S, Donini U.](#) Related Articles, Links
 Immunoelectron microscopic identification of human AA-type amyloid: exploration of various monoclonal AA-antibodies, methods of fixation, embedding and of other parameters for the protein-A gold method.
Lab Invest. 1989 Dec;61(6):691-7.
PMID: 2601301 [PubMed - indexed for MEDLINE]
- 556:** [Evans GF, Snyder YM, Butler LD, Zuckerman SH.](#) Related Articles, Links
 Differential expression of interleukin-1 and tumor necrosis factor in murine septic shock models.
Circ Shock. 1989 Dec;29(4):279-90.

PMID: 2598414 [PubMed - indexed for MEDLINE]

- 557:** [Van Nostrand WE, Wagner SL, Suzuki M, Choi BH, Farrow JS, Geddes JW, Cotman CW, Cunningham DD.](#) Related Articles, Links



Protease nexin-II, a potent antichymotrypsin, shows identity to amyloid beta-protein precursor.

Nature. 1989 Oct 12;341(6242):546-9.

PMID: 2507928 [PubMed - indexed for MEDLINE]

- 558:** [Zhang H, Sternberger NH, Rubinstein LJ, Herman MM, Binder LI, Sternberger LA.](#) Related Articles, Links



Abnormal processing of multiple proteins in Alzheimer disease.

Proc Natl Acad Sci U S A. 1989 Oct;86(20):8045-9.

PMID: 2813376 [PubMed - indexed for MEDLINE]

- 559:** [Davies P.](#) Related Articles, Links



A different view of A68 and amyloid.

Neurobiol Aging. 1989 Sep-Oct;10(5):408-9; discussion 412-4.

PMID: 2682319 [PubMed - indexed for MEDLINE]

- 560:** [Ishihara T, Nagasawa T, Yokota T, Gondo T, Takahashi M, Uchino F.](#) Related Articles, Links



Amyloid protein of vessels in leptomeninges, cortices, choroid plexuses, and pituitary glands from patients with systemic amyloidosis.

Hum Pathol. 1989 Sep;20(9):891-5.

PMID: 2673980 [PubMed - indexed for MEDLINE]

- 561:** [Rozemuller JM, Eikelenboom P, Pals ST, Stam FC.](#) Related Articles, Links



Microglial cells around amyloid plaques in Alzheimer's disease express leucocyte adhesion molecules of the LFA-1 family.

Neurosci Lett. 1989 Jul 3;101(3):288-92.

PMID: 2549464 [PubMed - indexed for MEDLINE]

- 562:** [Maruyama K, Ikeda S, Odajima N, Yanagisawa N.](#) Related Articles, Links



[An Alzheimer's disease case showing recurrent subcortical hemorrhage: an autopsy findings with immunohistochemical studies of cerebral amyloid deposits]

Rinsho Shinkeigaku. 1989 Jul;29(7):936-9. Japanese.

PMID: 2805520 [PubMed - indexed for MEDLINE]

- 563:** [Mann DM, Brown A, Prinja D, Davies CA, Landon M, Masters CL, Beyreuthers K.](#) Related Articles, Links



An analysis of the morphology of senile plaques in Down's syndrome patients of different ages using immunocytochemical and lectin histochemical techniques.

Neuropathol Appl Neurobiol. 1989 Jul-Aug;15(4):317-29.

PMID: 2528701 [PubMed - indexed for MEDLINE]

- 564:** [Dickson DW, Mattiace LA.](#) Related Articles, Links




















Astrocytes and microglia in human brain share an epitope recognized by a B-lymphocyte-specific monoclonal antibody (LN-1).

Am J Pathol. 1989 Jul;135(1):135-47.










PMID: 2476034 [PubMed - indexed for MEDLINE]

- 565:** [Ikeda S, Yanagisawa N, Allsop D, Glenner GG.](#) Related Articles, Links

-  Evidence of amyloid beta-protein immunoreactive early plaque lesions in Down's syndrome brains.
Lab Invest. 1989 Jul;61(1):133-7.
PMID: 2473275 [PubMed - indexed for MEDLINE]
- 566:** [Stern RA, Otvos L Jr, Trojanowski JQ, Lee VM.](#) Related Articles, Links
-  Monoclonal antibodies to a synthetic peptide homologous with the first 28 amino acids of Alzheimer's disease beta-protein recognize amyloid and diverse glial and neuronal cell types in the central nervous system.
Am J Pathol. 1989 May;134(5):973-8.
PMID: 2524164 [PubMed - indexed for MEDLINE]
- 567:** [Weidemann A, Konig G, Bunke D, Fischer P, Salbaum JM, Masters CL, Beyreuther K.](#) Related Articles, Links
-  Identification, biogenesis, and localization of precursors of Alzheimer's disease A4 amyloid protein.
Cell. 1989 Apr 7;57(1):115-26.
PMID: 2649245 [PubMed - indexed for MEDLINE]
- 568:** [Zahedi K, Tebo JM, Siripont J, Klimo GF, Mortensen RF.](#) Related Articles, Links
-  Binding of human C-reactive protein to mouse macrophages is mediated by distinct receptors.
J Immunol. 1989 Apr 1;142(7):2384-92.
PMID: 2926136 [PubMed - indexed for MEDLINE]
- 569:** [Grundke-Iqbal I, Iqbal K, George L, Tung YC, Kim KS, Wisniewski HM.](#) Related Articles, Links
-  Amyloid protein and neurofibrillary tangles coexist in the same neuron in Alzheimer disease.
Proc Natl Acad Sci U S A. 1989 Apr;86(8):2853-7.
PMID: 2649895 [PubMed - indexed for MEDLINE]
- 570:** [Bancher C, Grundke-Iqbal I, Iqbal K, Kim KS, Wisniewski HM.](#) Related Articles, Links
-  Immunoreactivity of neuronal lipofuscin with monoclonal antibodies to the amyloid beta-protein.
Neurobiol Aging. 1989 Mar-Apr;10(2):125-32.
PMID: 2657463 [PubMed - indexed for MEDLINE]
- 571:** [Storkel S, Sturer A.](#) Related Articles, Links
-  [Combined amyloidosis of the AA and AB type following chronic hemodialysis]
Pathologe. 1989 Mar;10(2):107-13. German. No abstract available.
PMID: 2654912 [PubMed - indexed for MEDLINE]
- 572:** [Voigt C, Saeger W, Linke RP, Missmahl HP.](#) Related Articles, Links
-  [Immunohistochemical differentiation of generalized amyloidoses]
Pathologe. 1989 Mar;10(2):103-6. German. No abstract available.
PMID: 2654911 [PubMed - indexed for MEDLINE]
- 573:** [Yakata M.](#) Related Articles, Links
-  [An approach of technological research on new laboratory diagnosis]
Rinsho Byori. 1989 Feb;37(2):145-52. Japanese. No abstract available.
PMID: 2733180 [PubMed - indexed for MEDLINE]

- 574:** [Wisniewski KE, Maslinska D.](#) Related Articles, Links
 Immunoreactivity of ceroid lipofuscin storage pigment in Batten disease with monoclonal antibodies to the amyloid beta-protein. *N Engl J Med.* 1989 Jan 26;320(4):256-7. No abstract available. PMID: 2911317 [PubMed - indexed for MEDLINE]
- 575:** [Haga S, Akai K, Ishii T.](#) Related Articles, Links
 Demonstration of microglial cells in and around senile (neuritic) plaques in the Alzheimer brain. An immunohistochemical study using a novel monoclonal antibody. *Acta Neuropathol (Berl).* 1989;77(6):569-75. PMID: 2750476 [PubMed - indexed for MEDLINE]
- 576:** [Benes FM, Reifel JL, Majocha RE, Marotta CA.](#) Related Articles, Links
 Evidence for a diffusional model of Alzheimer amyloid A4 (beta-amyloid) deposition during neuritic plaque formation. *Neuroscience.* 1989;33(3):483-8. PMID: 2700016 [PubMed - indexed for MEDLINE]
- 577:** [Bancher C, Grundke-Iqbal I, Iqbal K, Kim KS, Wisniewski HM.](#) Related Articles, Links
 A 31 kilodalton beta-protein immunoreactive polypeptide in neuronal lipofuscin. *Prog Clin Biol Res.* 1989;317:913-24. Review. PMID: 2690128 [PubMed - indexed for MEDLINE]
- 578:** [Glenner GG.](#) Related Articles, Links
 Amyloid beta protein and the basis for Alzheimer's disease. *Prog Clin Biol Res.* 1989;317:857-68. Review. PMID: 2690126 [PubMed - indexed for MEDLINE]
- 579:** [Barcikowska M, Wisniewski HM, Bancher C, Grundke-Iqbal I.](#) Related Articles, Links
 About the presence of paired helical filaments in dystrophic neurites participating in the plaque formation. *Acta Neuropathol (Berl).* 1989;78(3):225-31. PMID: 2669434 [PubMed - indexed for MEDLINE]
- 580:** [Ikeda S, Allsop D, Glenner GG.](#) Related Articles, Links
 Morphology and distribution of plaque and related deposits in the brains of Alzheimer's disease and control cases. An immunohistochemical study using amyloid beta-protein antibody. *Lab Invest.* 1989 Jan;60(1):113-22. PMID: 2642985 [PubMed - indexed for MEDLINE]
- 581:** [McDonald B, McIlhinney J, McGlone K, Esiri MM.](#) Related Articles, Links
 The preliminary characterisation of a protein present in cerebrospinal fluid and serum using a monoclonal antibody which reacts immunohistochemically with amyloid deposits in Alzheimer brains. *Prog Clin Biol Res.* 1989;317:703-6. No abstract available. PMID: 2602433 [PubMed - indexed for MEDLINE]
- 582:** [Kawasaki H, Utsuyama M, Takahashi H, Hayashi Y, Kurashima C, Esaki Y, Maruyama N, Hirokawa K.](#) Related Articles, Links

Establishment of a monoclonal antibody against senile plaques and its

-  application for immunohistological and immunoelectron microscopical studies in the brain of the elderly.
Acta Neuropathol (Berl). 1989;79(1):44-7.
PMID: 2589024 [PubMed - indexed for MEDLINE]
- 583:** [Landon M, Smith MA, Clarke K, Kidd M.](#) [Related Articles, Links](#)
-  Immunoaffinity chromatographic purification of amyloid-related proteins from Alzheimer's disease brain tissue.
Prog Clin Biol Res. 1989;317:903-12.
PMID: 2574878 [PubMed - indexed for MEDLINE]
- 584:** [Tate-Ostroff B, Majocha RE, Marotta CA.](#) [Related Articles, Links](#)
-  Identification of cellular and extracellular sites of amyloid precursor protein extracytoplasmic domain in normal and Alzheimer disease brains.
Proc Natl Acad Sci U S A. 1989 Jan;86(2):745-9.
PMID: 2563169 [PubMed - indexed for MEDLINE]
- 585:** [Marotta CA, Chou WG, Majocha RE, Watkins R, LaBonne C, Zain SB.](#) [Related Articles, Links](#)
-  Overexpression of amyloid precursor protein A4 (beta-amyloid) immunoreactivity in genetically transformed cells: implications for a cellular model of Alzheimer amyloidosis.
Proc Natl Acad Sci U S A. 1989 Jan;86(1):337-41.
PMID: 2563163 [PubMed - indexed for MEDLINE]
- 586:** [Wisniewski HM, Bancher C, Barcikowska M, Wen GY, Currie J.](#) [Related Articles, Links](#)
-  Spectrum of morphological appearance of amyloid deposits in Alzheimer's disease.
Acta Neuropathol (Berl). 1989;78(4):337-47.
PMID: 2551122 [PubMed - indexed for MEDLINE]
- 587:** [Ihara Y, Kondo J.](#) [Related Articles, Links](#)
-  Polypeptide composition of paired helical filaments.
Ann Med. 1989;21(2):121-5. Review.
PMID: 2548540 [PubMed - indexed for MEDLINE]
- 588:** [Ikeda S, Allsop D, Glenner GG.](#) [Related Articles, Links](#)
-  A study of the morphology and distribution of amyloid beta protein immunoreactive plaque and related lesions in the brains of Alzheimer's disease and adult Down's syndrome.
Prog Clin Biol Res. 1989;317:313-23.
PMID: 2532370 [PubMed - indexed for MEDLINE]
- 589:** [Allsop D, Ikeda S, Glenner GG.](#) [Related Articles, Links](#)
-  Evidence for the derivation of a peptide ligand from the amyloid beta-protein precursor of Alzheimer's disease.
Prog Clin Biol Res. 1989;317:893-902. Review.
PMID: 2513585 [PubMed - indexed for MEDLINE]
- 590:** [Papasozomenos SC.](#) [Related Articles, Links](#)
-  Tau protein immunoreactivity in dementia of the Alzheimer type. I. Morphology, evolution, distribution, and pathogenetic implications.

Lab Invest. 1989 Jan;60(1):123-37.
PMID: 2492060 [PubMed - indexed for MEDLINE]

- 591:** [Wisniewski HM, Wen GY, Kim KS.](#) Related Articles, Links



Comparison of four staining methods on the detection of neuritic plaques.

Acta Neuropathol (Berl). 1989;78(1):22-7.
PMID: 2472039 [PubMed - indexed for MEDLINE]

- 592:** [Yamashita T, Imai K, Saito N, Yachi A.](#) Related Articles, Links



Detection of novel proteins associated with secondary amyloidosis and Alzheimer's disease by monoclonal antibody.

Brain Res. 1988 Dec 6;474(2):309-15.
PMID: 3208135 [PubMed - indexed for MEDLINE]

- 593:** [Jacobelli S, Vial S, Rosenberg H, Benson MD, Scheinberg MA.](#) Related Articles, Links



Amyloidosis secondary to gout. Identification with a monoclonal antibody to amyloid protein A.

Clin Rheumatol. 1988 Dec;7(4):534-7.
PMID: 3073036 [PubMed - indexed for MEDLINE]

- 594:** [Snow AD, Mar H, Nochlin D, Kimata K, Kato M, Suzuki S, Hassell J, Wight TN.](#) Related Articles, Links



The presence of heparan sulfate proteoglycans in the neuritic plaques and congophilic angiopathy in Alzheimer's disease.

Am J Pathol. 1988 Dec;133(3):456-63.
PMID: 2974240 [PubMed - indexed for MEDLINE]

- 595:** [Tagliavini F, Giaccone G, Frangione B, Bugiani O.](#) Related Articles, Links



Preamyloid deposits in the cerebral cortex of patients with Alzheimer's disease and nondemented individuals.

Neurosci Lett. 1988 Nov 11;93(2-3):191-6.
PMID: 3241644 [PubMed - indexed for MEDLINE]

- 596:** [Roberts GW, Lofthouse R, Allsop D, Landon M, Kidd M, Prusiner SB, Crow TJ.](#) Related Articles, Links



CNS amyloid proteins in neurodegenerative diseases.

Neurology. 1988 Oct;38(10):1534-40.
PMID: 2901696 [PubMed - indexed for MEDLINE]

- 597:** [Preud'homme JL, Ganeval D, Grunfeld JP, Striker L, Brouet JC.](#) Related Articles, Links



Immunoglobulin synthesis in primary and myeloma amyloidosis.

Clin Exp Immunol. 1988 Sep;73(3):389-94.
PMID: 3145161 [PubMed - indexed for MEDLINE]

- 598:** [Majocha RE, Benes FM, Reifel JL, Rodenrys AM, Marotta CA.](#) Related Articles, Links



Laminar-specific distribution and infrastructural detail of amyloid in the Alzheimer disease cortex visualized by computer-enhanced imaging of epitopes recognized by monoclonal antibodies.

Proc Natl Acad Sci U S A. 1988 Aug;85(16):6182-6.
PMID: 2457908 [PubMed - indexed for MEDLINE]

- 599:** [Dickson DW, Farlo J, Davies P, Crystal H, Fuld P, Yen SH.](#) Related Articles, Links



Alzheimer's disease. A double-labeling immunohistochemical study of senile plaques.

Am J Pathol. 1988 Jul;132(1):86-101.
PMID: 2456021 [PubMed - indexed for MEDLINE]

- 600:** [Johns MA, Sipe JD, Melton LB, Strom TB, McCabe WR.](#) Related Articles, Links



Endotoxin-associated protein: interleukin-1-like activity on serum amyloid A synthesis and T-lymphocyte activation.
Infect Immun. 1988 Jun;56(6):1593-601.
PMID: 3286501 [PubMed - indexed for MEDLINE]

- 601:** [Allsop D, Wong CW, Ikeda S, Landon M, Kidd M, Glenner GG.](#) Related Articles, Links



Immunohistochemical evidence for the derivation of a peptide ligand from the amyloid beta-protein precursor of Alzheimer disease.
Proc Natl Acad Sci U S A. 1988 Apr;85(8):2790-4.
PMID: 3282239 [PubMed - indexed for MEDLINE]

- 602:** [Nakayama H, Hashimoto K, Kambe N, Eng A.](#) Related Articles, Links



Elastic globes: electron microscopic and immunohistochemical observations.
J Cutan Pathol. 1988 Apr;15(2):98-103.
PMID: 2453541 [PubMed - indexed for MEDLINE]

- 603:** [Walker MR, Solomon A, Weiss DT, Deutsch HF, Jefferis R.](#) Related Articles, Links



Immunogenic and antigenic epitopes of Ig. XXV. Monoclonal antibodies that differentiate the Mcg+/Mcg- and Oz+/Oz- C region isotypes of human lambda L chains.
J Immunol. 1988 Mar 1;140(5):1600-4.
PMID: 2450130 [PubMed - indexed for MEDLINE]

- 604:** [Prusiner SB, Stahl N, DeArmond SJ.](#) Related Articles, Links



Novel mechanisms of degeneration of the central nervous system--prion structure and biology.
Ciba Found Symp. 1988;135:239-60. Review.
PMID: 2900720 [PubMed - indexed for MEDLINE]

- 605:** [Dahlback K, Lofberg H, Dahlback B.](#) Related Articles, Links



Immunohistochemical studies on vitronectin in elastic tissue disorders, cutaneous amyloidosis, lichen ruber planus and porphyria.
Acta Derm Venereol. 1988;68(2):107-15.
PMID: 2453988 [PubMed - indexed for MEDLINE]

- 606:** [Ikeda S, Wong CW, Allsop D, Landon M, Kidd M, Glenner GG.](#) Related Articles, Links




















Immunogold labeling of cerebrovascular and neuritic plaque amyloid fibrils in Alzheimer's disease with an anti-beta protein monoclonal antibody.
Lab Invest. 1987 Oct;57(4):446-9.
PMID: 3312810 [PubMed - indexed for MEDLINE]










- 607:** [Kitano Y, Okada N, Kobayashi Y, Tanigaki T, Okano M, Yoshikawa K.](#) Related Articles, Links








A monoclonal anti-keratin antibody reactive with amyloid deposit of primary cutaneous amyloidosis.
J Dermatol. 1987 Oct;14(5):427-9. No abstract available.
PMID: 2449480 [PubMed - indexed for MEDLINE]

- 608:** [Yokota T, Ishihara T, Takahashi M, Yamashita Y, Kawano H, Fujinaga Y, Uchino F, Hanai N, Yoshida H, Honda S, et al.](#) Related Articles, Links
-  Monoclonal antibodies against synthesized short peptides corresponding to human AA amyloid protein.
Acta Pathol Jpn. 1987 Jul;37(7):1135-42.
PMID: 3661195 [PubMed - indexed for MEDLINE]
- 609:** [Liu HM, Anderson K, Caterson B.](#) Related Articles, Links
-  Demonstration of a keratan sulfate proteoglycan and a mannose-rich glycoconjugate in corpora amylacea of the brain by immunocytochemical and lectin-binding methods.
J Neuroimmunol. 1987 Feb;14(1):49-60.
PMID: 2948967 [PubMed - indexed for MEDLINE]
- 610:** [Prusiner SB, Gabizon R, McKinley MP.](#) Related Articles, Links
-  On the biology of prions.
Acta Neuropathol (Berl). 1987;72(4):299-314. Review.
PMID: 3554880 [PubMed - indexed for MEDLINE]
- 611:** [Dahlback K, Lofberg H, Dahlback B.](#) Related Articles, Links
-  Immunohistochemical demonstration of vitronectin in association with elastin and amyloid deposits in human kidney.
Histochemistry. 1987;87(6):511-5.
PMID: 2447039 [PubMed - indexed for MEDLINE]
- 612:** [Tseng J, Mortensen RF.](#) Related Articles, Links
-  Binding specificity of mouse serum amyloid P-component for fibronectin.
Immunol Invest. 1986 Dec;15(8):749-61.
PMID: 3596677 [PubMed - indexed for MEDLINE]
- 613:** [Costa PP, Jacobsson B, Collins VP, Biberfeld P.](#) Related Articles, Links
-  Unmasking antigen determinants in amyloid.
J Histochem Cytochem. 1986 Dec;34(12):1683-5.
PMID: 2431032 [PubMed - indexed for MEDLINE]
- 614:** [Macdonald SM, Esiri MM.](#) Related Articles, Links
-  Monoclonal antibody binding to congophilic elements in human Alzheimer brain.
J Clin Pathol. 1986 Nov;39(11):1199-203.
PMID: 3540016 [PubMed - indexed for MEDLINE]
- 615:** [Mukai H, Eto H, Yamamoto T.](#) Related Articles, Links
-  [Ano-sacral cutaneous amyloidosis--dylon positive material does not react with monoclonal antikeratin antibody EKH4]
Nippon Hifuka Gakkai Zasshi. 1986 Nov;96(12):1247-51. Japanese. No abstract available.
PMID: 2434695 [PubMed - indexed for MEDLINE]
- 616:** [Ishii T, Sato M, Haga S, Shinoda T, Kato K, Saito T.](#) Related Articles, Links
-  A monoclonal antibody to amyloid in the brains of patients with Alzheimer's disease.
Neuropathol Appl Neurobiol. 1986 Sep-Oct;12(5):441-5.
PMID: 3537831 [PubMed - indexed for MEDLINE]

- 617:** [Buxbaum J.](#) Related Articles, Links
 Aberrant immunoglobulin synthesis in light chain amyloidosis. Free light chain and light chain fragment production by human bone marrow cells in short-term tissue culture.
J Clin Invest. 1986 Sep;78(3):798-806.
PMID: 3091637 [PubMed - indexed for MEDLINE]
- 618:** [Allsop D, Landon M, Kidd M, Lowe JS, Reynolds GP, Gardner A.](#) Related Articles, Links
 Monoclonal antibodies raised against a subsequence of senile plaque core protein react with plaque cores, plaque periphery and cerebrovascular amyloid in Alzheimer's disease.
Neurosci Lett. 1986 Jul 24;68(2):252-6.
PMID: 3748453 [PubMed - indexed for MEDLINE]
- 619:** [Grundke-Iqbal I, Iqbal K, Tung YC, Quinlan M, Wisniewski HM, Binder LI.](#) Related Articles, Links
 Abnormal phosphorylation of the microtubule-associated protein tau (tau) in Alzheimer cytoskeletal pathology.
Proc Natl Acad Sci U S A. 1986 Jul;83(13):4913-7.
PMID: 3088567 [PubMed - indexed for MEDLINE]
- 620:** [Frenzel H, Schwartzkopff B, Kuhn H, Losse B, Thormann J, Hort W, Linke RP.](#) Related Articles, Links
 Cardiac amyloid deposits in endomyocardial biopsies. Light microscopic, ultrastructural, and immunohistochemical studies.
Am J Clin Pathol. 1986 Jun;85(6):674-80.
PMID: 3518402 [PubMed - indexed for MEDLINE]
- 621:** [Roze Muller JM, Eikelenboom P, Stam FC.](#) Related Articles, Links
 Role of microglia in plaque formation in senile dementia of the Alzheimer type. An immunohistochemical study.
Virchows Arch B Cell Pathol Incl Mol Pathol. 1986;51(3):247-54.
PMID: 2874657 [PubMed - indexed for MEDLINE]
- 622:** [Dahlback K, Lofberg H, Dahlback B.](#) Related Articles, Links
 Localization of vitronectin (S-protein of complement) in normal human skin.
Acta Derm Venereol. 1986;66(6):461-7.
PMID: 2433863 [PubMed - indexed for MEDLINE]
- 623:** [Hsueh S, Kuo TT.](#) Related Articles, Links
 Amyloid in squamous cell carcinoma of the vagina: immunohistochemical study with monoclonal anti-keratin antibodies.
Int J Gynecol Pathol. 1986;5(4):357-61.
PMID: 2433239 [PubMed - indexed for MEDLINE]
- 624:** [Kurashima C, Hirokawa K.](#) Related Articles, Links
 Production of monoclonal antibody against amyloid fibril protein and its immunohistochemical application.
Appl Pathol. 1985;3(1-2):39-54.
PMID: 3915946 [PubMed - indexed for MEDLINE]
- 625:** [Kitt CA, Price DL, Struble RG, Cork LC, Wainer BH, Becher MW, Mobley WC.](#) Related Articles, Links

-  Evidence for cholinergic neurites in senile plaques.
Science. 1984 Dec 21;226(4681):1443-5.
PMID: 6505701 [PubMed - indexed for MEDLINE]
- 626:** [Alexanian R, Fraschini G, Smith L.](#) Related Articles, Links
-  Amyloidosis in multiple myeloma or without apparent cause.
Arch Intern Med. 1984 Nov;144(11):2158-60.
PMID: 6437354 [PubMed - indexed for MEDLINE]
- 627:** [Eto H, Hashimoto K, Kobayashi H, Fukaya T, Matsumoto M, Sun TT.](#) Related Articles, Links
-  Differential staining of cytoid bodies and skin-limited amyloids with monoclonal anti-keratin antibodies.
Am J Pathol. 1984 Sep;116(3):473-81.
PMID: 6206730 [PubMed - indexed for MEDLINE]
- 628:** [Melvin T, Kim Y, Michael AF.](#) Related Articles, Links
-  Selective binding of IgG4 and other negatively charged plasma proteins in normal and diabetic human kidneys.
Am J Pathol. 1984 Jun;115(3):443-6.
PMID: 6375393 [PubMed - indexed for MEDLINE]
- 629:** [Rodeck U, Kuwert E, Ohnhaus E.](#) Related Articles, Links
-  [Regulatory T-lymphocytes in the immune deficiency syndrome]
Monatsschr Kinderheilkd. 1984 Apr;132(4):238-9. German.
PMID: 6610109 [PubMed - indexed for MEDLINE]
- 630:** [Hancock WW, Kraft N, Clarke F, Atkins RC.](#) Related Articles, Links
-  Production of monoclonal antibodies to fibronectin, type IV collagen and other antigens of the human glomerulus.
Pathology. 1984 Apr;16(2):197-206.
PMID: 6205356 [PubMed - indexed for MEDLINE]
- 631:** [Linke RP.](#) Related Articles, Links
-  Monoclonal antibodies against amyloid fibril protein AA. Production, specificity, and use for immunohistochemical localization and classification of AA-type amyloidosis.
J Histochem Cytochem. 1984 Mar;32(3):322-8.
PMID: 6363521 [PubMed - indexed for MEDLINE]
- 632:** [Schaldenbrand JD, Keren DF.](#) Related Articles, Links
-  IgD amyloid in IgD-lambda monoclonal conjunctival amyloidosis. A case report.
Arch Pathol Lab Med. 1983 Dec;107(12):626-8.
PMID: 6416220 [PubMed - indexed for MEDLINE]
- 633:** [Marhaug G.](#) Related Articles, Links
-  Three assays for the characterization and quantitation of human serum amyloid A.
Scand J Immunol. 1983 Oct;18(4):329-38.
PMID: 6417768 [PubMed - indexed for MEDLINE]
- 634:** [Linke RP.](#) Related Articles, Links

Identification of amyloid protein AA with a monoclonal antibody.

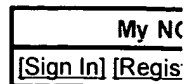
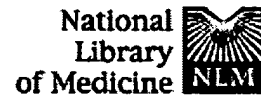
-  Blut. 1982 Dec;45(6):407-9. No abstract available.
PMID: 6753970 [PubMed - indexed for MEDLINE]
- 635:** [Marhaug G, Gaudemack G, Bogen B, Husby G.](#) [Related Articles, Links](#)
 Monoclonal hybridoma antibodies to human amyloid related protein SAA.
Clin Exp Immunol. 1982 Nov;50(2):390-6.
PMID: 7151332 [PubMed - indexed for MEDLINE]
- 636:** [Oppenheim JJ, Stadler BM, Siraganian RP, Mage M, Mathieson B.](#) [Related Articles, Links](#)
 Lymphokines: their role in lymphocyte responses. Properties of interleukin 1.
Fed Proc. 1982 Feb;41(2):257-62.
PMID: 6800841 [PubMed - indexed for MEDLINE]
- 637:** [Okada S, Ohtsuki H, Midorikawa O, Hashimoto K.](#) [Related Articles, Links](#)
 Bronchial plasmacytoma identified by immunoperoxidase technique on paraffin embedded section.
Acta Pathol Jpn. 1982 Jan;32(1):149-55.
PMID: 7041512 [PubMed - indexed for MEDLINE]
- 638:** [McAdam KP, Li J, Knowles J, Foss NT, Dinarello CA, Rosenwasser LJ, Selinger MJ, Kaplan MM, Goodman R, Herbert PN, Bausserman LL, Nadler LM.](#) [Related Articles, Links](#)
 The biology of SAA: identification of the inducer, in vitro synthesis, and heterogeneity demonstrated with monoclonal antibodies.
Ann N Y Acad Sci. 1982;389:126-36. Review.
PMID: 6807176 [PubMed - indexed for MEDLINE]

Items 501 - 638 of 638

Previous of 2Display Show

[Write to the Help Desk](#)
[NCBI | NLM | NIH](#)
 Department of Health & Human Services
[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for genetically engineered antibody AND amyloid Go Clear Save Search

Limits Preview/Index History Clipboard Details

Display Summary Show 500 Sort by Send to

About Entrez

Text Version

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut

My NCBI (Cubby)

Related Resources

Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

All: 4 Review: 0

Items 1 - 4 of 4

One page.

1: [Frenkel D, Solomon B.](#)

[Related Articles, Links](#)



Filamentous phage as vector-mediated antibody delivery to the brain.
Proc Natl Acad Sci U S A. 2002 Apr 16;99(8):5675-9.
PMID: 11960022 [PubMed - indexed for MEDLINE]

2: [Robertson TA, Dutton NS, Martins RN, Taddei K, Papadimitriou JM.](#)

[Related Articles, Links](#)



Comparison of astrocytic and myocytic metabolic dysregulation in apolipoprotein E deficient and human apolipoprotein E transgenic mice.
Neuroscience. 2000;98(2):353-9.
PMID: 10854768 [PubMed - indexed for MEDLINE]

3: [Link CD.](#)

[Related Articles, Links](#)



Expression of human beta-amyloid peptide in transgenic Caenorhabditis elegans.
Proc Natl Acad Sci U S A. 1995 Sep 26;92(20):9368-72.
PMID: 7568134 [PubMed - indexed for MEDLINE]

4: [Qiao JH, Xie PZ, Fishbein MC, Kreuzer J, Drake TA, Demer LL, Lulis AJ.](#)

[Related Articles, Links](#)



Pathology of atheromatous lesions in inbred and genetically engineered mice. Genetic determination of arterial calcification.
Arterioscler Thromb. 1994 Sep;14(9):1480-97.
PMID: 8068611 [PubMed - indexed for MEDLINE]

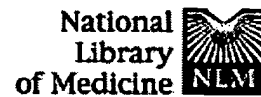
[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for genetically engineered antibody AND beta-amyloid Save Search

Limits Preview/Index History Clipboard Details

Display Summary Show 20 Sort by Send to

About Entrez

Text Version

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut

My NCBI (Cubby)

Related Resources

Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

All: 2 Review: 0

Items 1 - 2 of 2

One page.

1: [Frenkel D, Solomon B.](#)

[Related Articles, Links](#)



Filamentous phage as vector-mediated antibody delivery to the brain.

Proc Natl Acad Sci U S A. 2002 Apr 16;99(8):5675-9.

PMID: 11960022 [PubMed - indexed for MEDLINE]

2: [Link CD.](#)

[Related Articles, Links](#)



Expression of human beta-amyloid peptide in transgenic *Caenorhabditis elegans*.

Proc Natl Acad Sci U S A. 1995 Sep 26;92(20):9368-72.

PMID: 7568134 [PubMed - indexed for MEDLINE]

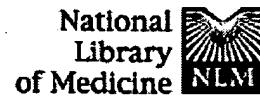
[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for

Limits Preview/Index History Clipboard Details

Display Abstract Show 20 Sort by Send to

About Entrez

Text Version

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI (Cubby)

Related Resources

Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

1: Neurosci Lett. 1986 Jul 24;68(2):252-6.

[Related Articles, Links](#)

Monoclonal antibodies raised against a subsequence of senile plaque core protein react with plaque cores, plaque periphery and cerebrovascular amyloid in Alzheimer's disease.

Allsop D, Landon M, Kidd M, Lowe JS, Reynolds GP, Gardner A.

Four monoclonal antibodies (1D2/1/2, 1G10/2/3, 3B6/1/1, 4D12/2/6) were raised against a synthetic peptide consisting of residues 8-17 of a protein reported to be common to senile plaque cores, cerebrovascular amyloid and neurofibrillary tangles in Alzheimer's disease. In an immunoperoxidase study of Alzheimer brain tissue, these antibodies stained plaque and vascular amyloid but not tangles, suggesting that the polypeptide chain in the region of residues 8-17 is exposed in the former two but, if present, inaccessible in the latter. In addition, staining of granular material in the plaque periphery was observed. These antibodies will be useful tools for future work on the origin of this protein.

PMID: 3748453 [PubMed - indexed for MEDLINE]

Display Abstract Show 20 Sort by Send to

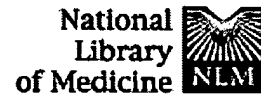
[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Book

Search PubMed for Go Clear

Limits Preview/Index History Clipboard Details

Display Abstract Show 20 Sort by Send to

About Entrez

Text Version

Entrez PubMed
Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services
Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI (Cubby)

Related Resources
Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

1: Neuropathol Appl Neurobiol. 1986 Sep-Oct;12(5):441-5. Related Articles, Links

A monoclonal antibody to amyloid in the brains of patients with Alzheimer's disease.

Ishii T, Sato M, Haga S, Shinoda T, Kato K, Saito T.

A monoclonal antibody that reacts with the amyloid in senile plaques in the brains of patients with Alzheimer's disease, was produced. The antigen was the crude amyloid protein (DAM, Pras et al. 1968) from the spleen of a patient with primary amyloidosis. The antibody crossreacts with DAM, but does not stain the amyloid of primary amyloidosis in tissue sections. The presence of a common antigenic site or sites in both the amyloid of senile plaques and amyloid of primary amyloidosis which react with this antibody is postulated.

PMID: 3537831 [PubMed - indexed for MEDLINE]

Display Abstract Show 20 Sort by Send to

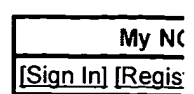
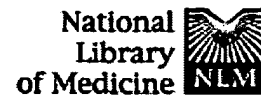
[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for

Limits Preview/Index History Clipboard Details

Display Abstract Show 20 Sort by Send to

About Entrez

Text Version

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI (Cubby)

Related Resources

Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

1: Acta Neuropathol (Berl). 1989;79(1):44-7.

[Related Articles, Links](#)

Establishment of a monoclonal antibody against senile plaques and its application for immunohistological and immunoelectron microscopical studies in the brain of the elderly.

Kawasaki H, Utsuyama M, Takahashi H, Hayashi Y, Kurashima C, Esaki Y, Maruyama N, Hirokawa K.

Department of Pathology, Yokufukai Geriatric Hospital, Tokyo, Japan.

A monoclonal antibody (Am-3) was produced against senile plaques in the brain of a patient with Alzheimer's disease. Am-3 was reactive with senile plaques of typical, primitive and diffuse type not only in the brain used as immunogen, but also those in the brain of 15 out of 25 autopsy cases of the aged people. Moreover, Am-3 was also reactive with granular materials of various sizes scattered in the 1st, 3rd and 4th layers of the cerebral cortices of the cases with severe dementia. Am-3 was also reactive with vessel wall of the congophilic angiopathy. By immunoelectron microscopic examination, Am-3 was positive with amyloid fibril in the core and crown of senile plaques, and in the congophilic angiopathy.

PMID: 2589024 [PubMed - indexed for MEDLINE]

Display Abstract Show 20 Sort by Send to

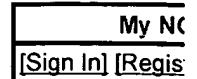
[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Book

Search PubMed for

Limits Preview/Index History Clipboard Details

Display Abstract Show 20 Sort by Send to

About Entrez

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation Matcher

Batch Citation Matcher

Clinical Queries

Special Queries

LinkOut

My NCBI (Cubby)

Related Resources

Order Documents

NLM Catalog

NLM Gateway

TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

PubMed Central

1: Am J Pathol. 1989 May;134(5):973-8.

[Related Articles, Links](#)

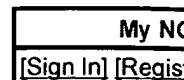
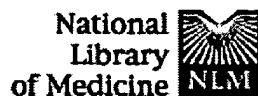
Monoclonal antibodies to a synthetic peptide homologous with the first 28 amino acids of Alzheimer's disease beta-protein recognize amyloid and diverse glial and neuronal cell types in the central nervous system.

Stern RA, Otvos L Jr, Trojanowski JQ, Lee VM.

Department of Pathology and Laboratory Medicine (Neuropathology),
University of Pennsylvania School of Medicine.

Studies were conducted to identify neural cells that synthesize and/or process cerebral amyloid using antisera and monoclonal antibodies (MAbs) raised to synthetic peptides based on the first 28 amino acids of the amyloid beta-protein. Using rabbit and mouse antisera, and 7 MAbs, sections of neocortex, hippocampus, cerebellum, and spinal cord from Alzheimer's disease (AD), Down's syndrome (DS), and control cases were probed. The antibodies produced 3 distinct immunohistochemical patterns: 1) staining restricted to neuritic plaque and blood vessel amyloid only (antisera, 1 of 7 MAbs); 2) immunoreactivity confined to cytoplasmic granules in diverse neuronal, glial (astrocytes, ependyma) and other (leptomeningeal, perivascular, choroid plexus) cells (1 of 7 MAbs); 3) a summation of these 2 patterns (5 of 7 MAbs). Controls resembled the AD and DS cases, except for a paucity of immunoreactive plaques and blood vessels in the controls. Immunoreactivity was reduced or removed by the peptides used to produce these antibodies. Formalin- and Bouins-fixed tissues reacted weakly or not at all with these antibodies while microwave denatured tissues reacted very intensely with them. Specific staining was enhanced by treatment of the tissue sections with Triton X-100, NaDodSO₄, or trypsin. These studies significantly extend earlier studies that localized amyloid beta-protein precursor mRNA to human brain cells, and they suggest that the beta-protein, its precursor, and/or fragments thereof may exist in diverse neural cell types in AD, DS, and control brains.

PMID: 2524164 [PubMed - indexed for MEDLINE]



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for human-monoclonal-antibody AND Ab

Limits Preview/Index History Clipboard Details

Display Summary Show 500 Sort by Send to

About Entrez

Text Version

All: 17 Review: 0

Items 1 - 17 of 17

One page.

Entrez PubMed
Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services
Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI (Cubby)

Related Resources
Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

1: [Zolla-Pazner S, Zhong P, Revesz K, Volsky B, Williams C, Nyambi P, Gorny MK.](#) [Related Articles, Links](#)

The cross-clade neutralizing activity of a human monoclonal antibody is determined by the GPGR V3 motif of HIV type 1. *AIDS Res Hum Retroviruses*. 2004 Nov;20(11):1254-8. PMID: 15588347 [PubMed - indexed for MEDLINE]

2: [Matsumura Y, Gotoh M, Muro K, Yamada Y, Shirao K, Shimada Y, Okuwa M, Matsumoto S, Miyata Y, Ohkura H, Chin K, Baba S, Yamao T, Kannami A, Takamatsu Y, Ito K, Takahashi K.](#) [Related Articles, Links](#)

Phase I and pharmacokinetic study of MCC-465, a doxorubicin (DXR) encapsulated in PEG immunoliposome, in patients with metastatic stomach cancer. *Ann Oncol*. 2004 Mar;15(3):517-25. PMID: 14998859 [PubMed - indexed for MEDLINE]

3: [Gilles JG, Grailly SC, De Maeyer M, Jacquemin MG, VanderElst LP, Saint-Remy JM.](#) [Related Articles, Links](#)

In vivo neutralization of a C2 domain-specific human anti-Factor VIII inhibitor by an anti-idiotypic antibody. *Blood*. 2004 Apr 1;103(7):2617-23. Epub 2003 Dec 11. PMID: 14670927 [PubMed - indexed for MEDLINE]

4: [Basta M, Van Goor F, Luccioli S, Billings EM, Vortmeyer AO, Baranyi L, Szebeni J, Alving CR, Carroll MC, Berkower I, Stojilkovic SS, Metcalfe DD.](#) [Related Articles, Links](#)

F(ab)'2-mediated neutralization of C3a and C5a anaphylatoxins: a novel effector function of immunoglobulins. *Nat Med*. 2003 Apr;9(4):431-8. Epub 2003 Mar 3. PMID: 12612546 [PubMed - indexed for MEDLINE]

5: [Castle PE, Karp DA, Zeitlin L, Garcia-Moreno E B, Moench TR, Whaley KJ, Cone RA.](#) [Related Articles, Links](#)


Human monoclonal antibody stability and activity at vaginal pH. *J Reprod Immunol*. 2002 Jul-Aug;56(1-2):61-76. PMID: 12106884 [PubMed - indexed for MEDLINE]

6: [Ilan E, Arazi J, Nussbaum O, Zauberman A, Eren R, Lubin I, Neville L, Ben-Moshe O, Kischitzky A, Litchi A, Margalit I, Gopher J, Mounir S, Cai W, Daudi N, Eid A, Jurim O, Czerniak A, Galun E, Dagan S.](#) [Related Articles, Links](#)


The hepatitis C virus (HCV)-Trimer mouse: a model for evaluation of agents against HCV.

J Infect Dis. 2002 Jan 15;185(2):153-61. Epub 2002 Jan 3.
PMID: 11807688 [PubMed - indexed for MEDLINE]


- 7: [Kasuga H, Ito Y, Sakamoto S, Kawachi H, Shimizu F, Yuzawa Y, Matsuo S.](#) Related Articles, Links

 Effects of anti-TGF-beta type II receptor antibody on experimental glomerulonephritis.
Kidney Int. 2001 Nov;60(5):1745-55.
PMID: 11703592 [PubMed - indexed for MEDLINE]


- 8: [Hochleitner EO, Gorny MK, Zolla-Pazner S, Tomer KB.](#) Related Articles, Links

 Mass spectrometric characterization of a discontinuous epitope of the HIV envelope protein HIV-gp120 recognized by the human monoclonal antibody 1331A.
J Immunol. 2000 Apr 15;164(8):4156-61.
PMID: 10754311 [PubMed - indexed for MEDLINE]


- 9: [Nguyen H, Hay J, Mazzulli T, Gallinger S, Sandhu J, Teng Y, Hozumi N.](#) Related Articles, Links

 Efficient generation of respiratory syncytial virus (RSV)-neutralizing human MoAbs via human peripheral blood lymphocyte (hu-PBL)-SCID mice and scFv phage display libraries.
Clin Exp Immunol. 2000 Oct;122(1):85-93.
PMID: 11012623 [PubMed - indexed for MEDLINE]


- 10: [Schutten M, Andeweg AC, Rimmelzwaan GF, Osterhaus AD.](#) Related Articles, Links

 Modulation of primary human immunodeficiency virus type 1 envelope glycoprotein-mediated entry by human antibodies.
J Gen Virol. 1997 May;78 (Pt 5):999-1006.
PMID: 9152416 [PubMed - indexed for MEDLINE]


- 11: [Cavacini LA, Emes CL, Power J, Desharnais FD, Duval M, Montefiori D, Posner MR.](#) Related Articles, Links

 Influence of heavy chain constant regions on antigen binding and HIV-1 neutralization by a human monoclonal antibody.
J Immunol. 1995 Oct 1;155(7):3638-44.
PMID: 7561063 [PubMed - indexed for MEDLINE]


- 12: [Minematsu T, Hosoda K, Minamishima Y.](#) Related Articles, Links

 [Evaluation of direct immunoperoxidase technique using F(ab')₂ fractions of anti-cytomegalovirus human monoclonal antibody for enumeration of cytomegalovirus antigen-positive leukocytes]
Kansenshogaku Zasshi. 1994 Oct;68(10):1278-84. Japanese.
PMID: 7996027 [PubMed - indexed for MEDLINE]

- 13: [Sano K, Tanaka K, Uemoto S, Fujita S, Tokunaga Y, Inomata Y, Ozawa K, Minamishima Y.](#) Related Articles, Links

 Cytomegalovirus infection in living related liver transplantation: rapid diagnosis by human monoclonal antibody staining of blood leucocytes.
Transplant Sci. 1994 Sep;4(1):105-11.
PMID: 7528626 [PubMed - indexed for MEDLINE]

- 14: [Mabondzo A, Boussin F, Raoul H, Le Naour R, Gras G, Vaslin B, Bartholeyns J, Romet-Lemonne JL, Dormont D.](#) Related Articles, Links

 Antibody-dependent cellular cytotoxicity and neutralization of human immunodeficiency virus type 1 by high affinity cross-linking of gp41 to

human macrophage Fc IgG receptor using bispecific antibody.

J Gen Virol. 1994 Jun;75 (Pt 6):1451-6.

PMID: 8207409 [PubMed - indexed for MEDLINE]

15: [Balint RF, Larrick JW.](#)

[Related Articles, Links](#)



Antibody engineering by parsimonious mutagenesis.

Gene. 1993 Dec 27;137(1):109-18.

PMID: 7506686 [PubMed - indexed for MEDLINE]

16: [Mabondzo A, Aussage P, Bartholeyns J, Le Naour R, Raoul H, Romet-Lemonne JL, Dormont D.](#)

[Related Articles, Links](#)



Bispecific antibody targeting of human immunodeficiency virus type 1 (HIV-1) glycoprotein 41 to human macrophages through the Fc IgG receptor I mediates neutralizing effects in HIV-1 infection.

J Infect Dis. 1992 Jul;166(1):93-9.

PMID: 1535093 [PubMed - indexed for MEDLINE]

17: [Mochizuki K, Kato M, Sato S, Hashizume S, Murakami H, Nomoto K.](#)

[Related Articles, Links](#)



Characterization of a lung cancer-associated human monoclonal antibody HB4C5.

Hum Antibodies Hybridomas. 1991 Jul;2(3):116-23.

PMID: 1873502 [PubMed - indexed for MEDLINE]

Display Show Sort by Send to

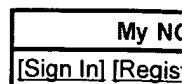
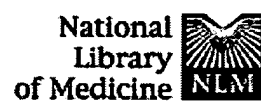
[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Book

Search PubMed for

Limits Preview/Index History Clipboard Details

Display Abstract Show 20 Sort by Send to

About Entrez

Text Version

All: 1 Review: 0

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

1: Gene. 1993 Dec 27;137(1):109-18.

[Related Articles, Links](#)

Antibody engineering by parsimonious mutagenesis.

Balint RF, Larrick JW.

Palo Alto Institute for Molecular Medicine, Mountain View, CA 94043.

PubMed Services

Journals Database

MeSH Database

Single Citation Matcher

Batch Citation Matcher

Clinical Queries

Special Queries

LinkOut

My NCBI (Cubby)

Related Resources

Order Documents

NLM Catalog

NLM Gateway

TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

PubMed Central

The human monoclonal antibody (humAb) problem has largely been solved with the aid of the polymerase chain reaction (PCR) [Larrick et al., *Bio/Technology* 7 (1989a) 934-938; Larrick et al., *Biochem. Biophys. Res. Commun.* 160 (1989b) 1250-1256; Chiang et al., *BioTechniques* 7 (1989) 360-366]. Phage display has now made it possible to recover humAb with primary response level affinities (approx. $10(6) M^{-1}$) for virtually any antigen (including self antigens) from comprehensive libraries of B-cell repertoires from non-immunized humans [Marks et al., *J. Mol. Biol.* 222 (1991) 581-597; Marks et al., *Bio/Technology* 10 (1992) 779-783; Griffiths et al., *EMBO J.* 12 (1993) 725-734]. This means that the goal of therapeutic humAb without immunization is within reach. However, in order to achieve the affinities generally required for therapeutic use ($> \text{ or } = 10(9) M^{-1}$), reliable methods will be needed to complete the affinity maturation process in vitro. Available X-ray crystallographic data and energy calculations indicate that only a fraction of the substantial contact surface between the Ab and protein antigens contribute significantly to affinity. Thus, the remaining contact surface presents multiple opportunities to develop additional high-affinity contacts, needing only a means to identify them. To this end, we have developed a computer-assisted method for oligodeoxyribonucleotide-directed scanning mutagenesis, called parsimonious mutagenesis (PM), whereby all three complementarity-determining regions (CDR) of a variable region (V-region) gene can be simultaneously and thoroughly searched for improved variants in libraries of manageable size. These libraries are made with low-redundancy 'doping' codons and biased nucleotide (nt) mixtures designed to maximize the abundance of combining sites with predetermined proportions of preselected sets of alternative amino acids (aa). This allows the library to 'probe' the surface of the antigen one or a few aa residues at a time with a wide selection of aa side chains to search out and identify new high-affinity contacts. In addition to affinity maturation in vitro, PM can also be used to remove unwanted cross-reactivities and to 'reshape' rodent mAb for human

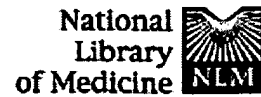
therapeutic use.

PMID: 7506686 [PubMed - indexed for MEDLINE]

Display Show Sort by Send to

[Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)
[Department of Health & Human Services](#)
[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Book

Search PubMed for beta-amyloid AND monoclonal antibody

Limits Preview/Index History Clipboard Details

Display Summary Show 500 Sort by Send to

About Entrez

Text Version

All: 206 Review: 6

Items 1 - 206 of 206

One page.

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities










PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI (Cubby)










Related Resources










Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

- 1: [Paganetti P, Calanca V, Galli C, Stefani M, Molinari M.](#) [Related Articles, Links](#)
 beta-site specific intrabodies to decrease and prevent generation of Alzheimer's A β peptide.
 J Cell Biol. 2005 Mar 14;168(6):863-8.
 PMID: 15767460 [PubMed - indexed for MEDLINE]
- 2: [Geylis V, Kourilov V, Meiner Z, Nennesmo I, Bogdanovic N, Steinitz M.](#) [Related Articles, Links](#)
 Human monoclonal antibodies against amyloid-beta from healthy adults.
 Neurobiol Aging. 2005 May;26(5):597-606.
 PMID: 15708434 [PubMed - indexed for MEDLINE]
- 3: [Qi-Takahara Y, Morishima-Kawashima M, Tanimura Y, Dolios G, Hirotani N, Horikoshi Y, Kametani F, Maeda M, Saïdo TC, Wang R, Ihara Y.](#) [Related Articles, Links](#)
 Longer forms of amyloid beta protein: implications for the mechanism of intramembrane cleavage by gamma-secretase.
 J Neurosci. 2005 Jan 12;25(2):436-45.
 PMID: 15647487 [PubMed - in process]
- 4: [Wang YJ, Chen GH, Hu XY, Lu YP, Zhou JN, Liu RY.](#) [Related Articles, Links](#)
 The expression of calcium/calmodulin-dependent protein kinase II-alpha in the hippocampus of patients with Alzheimer's disease and its links with AD-related pathology.
 Brain Res. 2005 Jan 7;1031(1):101-8.
 PMID: 15621017 [PubMed - indexed for MEDLINE]
- 5: [Chauhan NB, Siegel GJ.](#) [Related Articles, Links](#)
 Intracerebroventricular passive immunization in transgenic mouse models of Alzheimer's disease.
 Expert Rev Vaccines. 2004 Dec;3(6):717-25.
 PMID: 15606357 [PubMed - in process]
- 6: [Albrecht H, Zbinden P, Rizzi A, Villetti G, Riccardi B, Puccini P, Catinella S, Imbimbo BP.](#) [Related Articles, Links](#)
 High throughput screening of beta-amyloid secretion inhibitors using homogenous time-resolved fluorescence.
 Comb Chem High Throughput Screen. 2004 Dec;7(8):745-56.
 PMID: 15578936 [PubMed - indexed for MEDLINE]
- 7: [Olsson A, Vanderstichele H, Andreasen N, De Meyer G, Wallin A, Holmberg B, Rosengren L, Vanmechelen E, Blennow K.](#) [Related Articles, Links](#)

-  Simultaneous measurement of beta-amyloid(1-42), total tau, and phosphorylated tau (Thr181) in cerebrospinal fluid by the xMAP technology.
Clin Chem. 2005 Feb;51(2):336-45. Epub 2004 Nov 24.
PMID: 15563479 [PubMed - indexed for MEDLINE]
- 8:** [Horikoshi Y, Mori T, Maeda M, Kinoshita N, Sato K, Yamaguchi](#) Related Articles, Links
[H.](#)
-  Abeta N-terminal-end specific antibody reduced beta-amyloid in Alzheimer-model mice.
Biochem Biophys Res Commun. 2004 Dec 10;325(2):384-7.
PMID: 15530403 [PubMed - indexed for MEDLINE]
- 9:** [Manea M, Mezo G, Hudecz F, Przybylski M.](#) Related Articles, Links
-  Polypeptide conjugates comprising a beta-amyloid plaque-specific epitope as new vaccine structures against Alzheimer's disease.
Biopolymers. 2004;76(6):503-11.
PMID: 15499564 [PubMed - indexed for MEDLINE]
- 10:** [Zirah S, Stefanescu R, Manea M, Tian X, Cecal R, Kozin SA, Debey P, Rebuffat S, Przybylski M.](#) Related Articles, Links
-  Zinc binding agonist effect on the recognition of the beta-amyloid (4-10) epitope by anti-beta-amyloid antibodies.
Biochem Biophys Res Commun. 2004 Aug 20;321(2):324-8.
PMID: 15358179 [PubMed - indexed for MEDLINE]
- 11:** [Schenk D, Hagen M, Seubert P.](#) Related Articles, Links
-  Current progress in beta-amyloid immunotherapy.
Curr Opin Immunol. 2004 Oct;16(5):599-606. Review.
PMID: 15342006 [PubMed - indexed for MEDLINE]
- 12:** [Zhang GR, Gao DL, Cao LG, Yin M.](#) Related Articles, Links
-  [5-HT_{2C} receptor subtype modulate production of secretory beta-amyloid protein precursor in incubated rat hippocampal slices]
Yao Xue Xue Bao. 2004 May;39(5):321-4. Chinese.
PMID: 15338870 [PubMed - indexed for MEDLINE]
- 13:** [Yasuoka K, Hirata K, Kuraoka A, He JW, Kawabuchi M.](#) Related Articles, Links
-  Expression of amyloid precursor protein-like molecule in astroglial cells of the subventricular zone and rostral migratory stream of the adult rat forebrain.
J Anat. 2004 Aug;205(2):135-46.
PMID: 15291796 [PubMed - indexed for MEDLINE]
- 14:** [Kowa H, Sakakura T, Matsuura Y, Wakabayashi T, Mann DM, Duff K, Tsuji S, Hashimoto T, Iwatsubo T.](#) Related Articles, Links
-  Mostly separate distributions of CLAC- versus Abeta40- or thioflavin S-reactivities in senile plaques reveal two distinct subpopulations of beta-amyloid deposits.
Am J Pathol. 2004 Jul;165(1):273-81.
PMID: 15215182 [PubMed - indexed for MEDLINE]
- 15:** [Mathis CA, Wang Y, Klunk WE.](#) Related Articles, Links
-  Imaging beta-amyloid plaques and neurofibrillary tangles in the aging human brain.

Curr Pharm Des. 2004;10(13):1469-92. Review.
PMID: 15134570 [PubMed - indexed for MEDLINE]

- 16:** [Karkos J.](#) Related Articles, Links
 [Immunotherapy of Alzheimer's disease. Results of experimental investigations and treatment of perspectives]
Fortschr Neurol Psychiatr. 2004 Apr;72(4):204-19. Review. German.
PMID: 15095177 [PubMed - indexed for MEDLINE]
- 17:** [Aleksandrova IY, Kuvichkin VV, Kashparov IA, Medvinskaya NI, Nesterova IV, Lunin SM, Samokhin AN, Bobkova NV.](#) Related Articles, Links
 Increased level of beta-amyloid in the brain of bulbectomized mice.
Biochemistry (Mosc). 2004 Feb;69(2):176-80.
PMID: 15000684 [PubMed - indexed for MEDLINE]
- 18:** [Rangan SK, Liu R, Brune D, Planque S, Paul S, Sierks MR.](#) Related Articles, Links
 Degradation of beta-amyloid by proteolytic antibody light chains.
Biochemistry. 2003 Dec 9;42(48):14328-34.
PMID: 14640701 [PubMed - indexed for MEDLINE]
- 19:** [Miller DL, Currie JR, Mehta PD, Potempska A, Hwang YW, Wegiel J.](#) Related Articles, Links
 Humoral immune response to fibrillar beta-amyloid peptide.
Biochemistry. 2003 Oct 14;42(40):11682-92.
PMID: 14529278 [PubMed - indexed for MEDLINE]
- 20:** [Wang DS, Iwata N, Hama E, Saido TC, Dickson DW.](#) Related Articles, Links
 Oxidized neprilysin in aging and Alzheimer's disease brains.
Biochem Biophys Res Commun. 2003 Oct 10;310(1):236-41.
PMID: 14511676 [PubMed - indexed for MEDLINE]
- 21:** [Lehman EJ, Kulnane LS, Gao Y, Petriello MC, Pimpis KM, Younkin L, Dolios G, Wang R, Younkin SG, Lamb BT.](#) Related Articles, Links
 Genetic background regulates beta-amyloid precursor protein processing and beta-amyloid deposition in the mouse.
Hum Mol Genet. 2003 Nov 15;12(22):2949-56. Epub 2003 Sep 23.
PMID: 14506131 [PubMed - indexed for MEDLINE]
- 22:** [Solomon B.](#) Related Articles, Links
 Immunological approach for the treatment of Alzheimer's disease.
J Mol Neurosci. 2003;20(3):283-6.
PMID: 14501009 [PubMed - indexed for MEDLINE]
- 23:** [Chauhan NB, Siegel GJ.](#) Related Articles, Links
 Intracerebroventricular passive immunization with anti-Abeta antibody in Tg2576.
J Neurosci Res. 2003 Oct 1;74(1):142-7.
PMID: 13130516 [PubMed - indexed for MEDLINE]
- 24:** [Maddalena A, Papassotiropoulos A, Muller-Tillmanns B, Jung HH, Hegi T, Nitsch RM, Hock C.](#) Related Articles, Links
 Biochemical diagnosis of Alzheimer disease by measuring the cerebrospinal fluid ratio of phosphorylated tau protein to beta-amyloid peptide42.
Arch Neurol. 2003 Sep;60(9):1202-6.
PMID: 12975284 [PubMed - indexed for MEDLINE]

- 25:** [LeVine H 3rd.](#) Related Articles, Links
 Y10W beta(1-40) fluorescence reflects epitope exposure in conformers of Alzheimer's beta-peptide.
 Arch Biochem Biophys. 2003 Sep 1;417(1):112-22.
 PMID: 12921787 [PubMed - indexed for MEDLINE]
- 26:** [Solomon B, Frenkel D.](#) Related Articles, Links
 Vaccination for the prevention and treatment of Alzheimer's disease.
 Drugs Today (Barc). 2000 Sep;36(9):655-63.
 PMID: 12847570 [PubMed]
- 27:** [Farr SA, Banks WA, Uezu K, Sano A, Gaskin FS, Morley JE.](#) Related Articles, Links
 Antibody to beta-amyloid protein increases acetylcholine in the hippocampus of 12 month SAMP8 male mice.
 Life Sci. 2003 Jun 20;73(5):555-62.
 PMID: 12770611 [PubMed - indexed for MEDLINE]
- 28:** [Taylor BM, Sarver RW, Fici G, Poorman RA, Lutzke BS, Molinari A, Kawabe T, Kappenman K, Buhl AE, Epps DE.](#) Related Articles, Links
 Spontaneous aggregation and cytotoxicity of the beta-amyloid Abeta1-40: a kinetic model.
 J Protein Chem. 2003 Jan;22(1):31-40.
 PMID: 12739896 [PubMed - indexed for MEDLINE]
- 29:** [Solomon B.](#) Related Articles, Links
 Protective Molecules in Alzheimer's Disease: Therapeutic Antibodies.
 Drug News Perspect. 2002 Sep;15(7):410-416.
 PMID: 12677176 [PubMed - as supplied by publisher]
- 30:** [Cantarella G, Uberti D, Carsana T, Lombardo G, Bernardini R, Memo M.](#) Related Articles, Links
 Neutralization of TRAIL death pathway protects human neuronal cell line from beta-amyloid toxicity.
 Cell Death Differ. 2003 Jan;10(1):134-41.
 PMID: 12655302 [PubMed - indexed for MEDLINE]
- 31:** [Bard F, Barbour R, Cannon C, Carretto R, Fox M, Games D, Guido T, Hoenow K, Hu K, Johnson-Wood K, Khan K, Kholodenko D, Lee C, Lee M, Motter R, Nguyen M, Reed A, Schenk D, Tang P, Vasquez N, Seubert P, Yednock T.](#) Related Articles, Links
 Epitope and isotype specificities of antibodies to beta -amyloid peptide for protection against Alzheimer's disease-like neuropathology.
 Proc Natl Acad Sci U S A. 2003 Feb 18;100(4):2023-8. Epub 2003 Feb 3. Erratum in: Proc Natl Acad Sci U S A. 2004 Aug 3;101(3):11526.
 PMID: 12566568 [PubMed - indexed for MEDLINE]
- 32:** [Solomon B, Frenkel D.](#) Related Articles, Links
 Generation and brain delivery of anti-aggregating antibodies against beta-amyloid plaques using phage display technology.
 J Neural Transm Suppl. 2002;(62):321-5.
 PMID: 12456075 [PubMed - indexed for MEDLINE]
- 33:** [Krygowska-Wajs A, Adamek D, Szczudlik A, Kaluza J.](#) Related Articles, Links
 An attempt at evaluating borderline conditions of Parkinson's disease and its preclinical stage on the basis of clinical and morphological correlation.

Folia Neuropathol. 2002;40(2):57-66.
PMID: 12230257 [PubMed - indexed for MEDLINE]

- 34:** [Pan W, Solomon B, Maness LM, Kastin AJ.](#) Related Articles, Links



Antibodies to beta-amyloid decrease the blood-to-brain transfer of beta-amyloid peptide.

Exp Biol Med (Maywood). 2002 Sep;227(8):609-15.
PMID: 12192102 [PubMed - indexed for MEDLINE]

- 35:** [Kovacs GG, Zerbi P, Voigtlander T, Strohschneider M, Trabattoni G, Hainfellner JA, Budka H.](#) Related Articles, Links



The prion protein in human neurodegenerative disorders.

Neurosci Lett. 2002 Sep 6;329(3):269-72.
PMID: 12183028 [PubMed - indexed for MEDLINE]

- 36:** [Beher D, Wrigley JD, Owens AP, Shearman MS.](#) Related Articles, Links



Generation of C-terminally truncated amyloid-beta peptides is dependent on gamma-secretase activity.

J Neurochem. 2002 Aug;82(3):563-75.
PMID: 12153480 [PubMed - indexed for MEDLINE]

- 37:** [Clamagirand C, Joulie C, Panchal M, Sekhri R, Hanquez C, Cohen P, Rholam M.](#) Related Articles, Links



Specific cleavage of beta-amyloid peptides by a metallopeptidase from *Xenopus laevis* skin secretions.

Comp Biochem Physiol B Biochem Mol Biol. 2002 Aug;132(4):751-9.
PMID: 12128061 [PubMed - indexed for MEDLINE]

- 38:** [Morley JE, Farr SA, Flood JF.](#) Related Articles, Links



Antibody to amyloid beta protein alleviates impaired acquisition, retention, and memory processing in SAMP8 mice.

Neurobiol Learn Mem. 2002 Jul;78(1):125-38.
PMID: 12071671 [PubMed - indexed for MEDLINE]

- 39:** [Frenkel D, Solomon B.](#) Related Articles, Links



Towards Alzheimer's beta-amyloid vaccination.

Biologicals. 2001 Sep-Dec;29(3-4):243-7.
PMID: 11851323 [PubMed - indexed for MEDLINE]

- 40:** [Cummings BJ, Mason AJ, Kim RC, Sheu PC, Anderson AJ.](#) Related Articles, Links



Optimization of techniques for the maximal detection and quantification of Alzheimer's-related neuropathology with digital imaging.

Neurobiol Aging. 2002 Mar-Apr;23(2):161-70.
PMID: 11804699 [PubMed - indexed for MEDLINE]

- 41:** [Solomon B.](#) Related Articles, Links



Immunotherapeutic strategies for prevention and treatment of Alzheimer's disease.

DNA Cell Biol. 2001 Nov;20(11):697-703.
PMID: 11788047 [PubMed - indexed for MEDLINE]

- 42:** [Coraci IS, Husemann J, Berman JW, Hulette C, Dufour JH, Campanella GK, Luster AD, Silverstein SC, El-Khoury JB.](#) Related Articles, Links



CD36, a class B scavenger receptor, is expressed on microglia in Alzheimer's disease brains and can mediate production of reactive oxygen

species in response to beta-amyloid fibrils.

Am J Pathol. 2002 Jan;160(1):101-12.

PMID: 11786404 [PubMed - indexed for MEDLINE]

- 43: [Nunan J, Shearman MS, Checler F, Cappai R, Evin G, Beyreuther K, Masters CL, Small DH.](#) Related Articles, Links



The C-terminal fragment of the Alzheimer's disease amyloid protein precursor is degraded by a proteasome-dependent mechanism distinct from gamma-secretase.

Eur J Biochem. 2001 Oct;268(20):5329-36.

PMID: 11606195 [PubMed - indexed for MEDLINE]

- 44: [Carter DB, Dunn E, McKinley DD, Stratman NC, Boyle TP, Kuiper SL, Oostveen JA, Weaver RJ, Boller JA, Gurney ME.](#) Related Articles, Links



Human apolipoprotein E4 accelerates beta-amyloid deposition in APPsw transgenic mouse brain.

Ann Neurol. 2001 Oct;50(4):468-75.

PMID: 11601499 [PubMed - indexed for MEDLINE]

- 45: [Mann DM, Takeuchi A, Sato S, Cairns NJ, Lantos PL, Rossor MN, Haltia M, Kalimo H, Iwatsubo T.](#) Related Articles, Links



Cases of Alzheimer's disease due to deletion of exon 9 of the presenilin-1 gene show an unusual but characteristic beta-amyloid pathology known as 'cotton wool' plaques.

Neuropathol Appl Neurobiol. 2001 Jun;27(3):189-96.

PMID: 11489138 [PubMed - indexed for MEDLINE]

- 46: [Pluta R, Misicka A, Barcikowska M, Spisacka S, Lipkowski AW, Januszewski S.](#) Related Articles, Links



Possible reverse transport of beta-amyloid peptide across the blood-brain barrier.

Acta Neurochir Suppl. 2000;76:73-7.

PMID: 11450095 [PubMed - indexed for MEDLINE]

- 47: [Terai K, Iwai A, Kawabata S, Tasaki Y, Watanabe T, Miyata K, Yamaguchi T.](#) Related Articles, Links



beta-amyloid deposits in transgenic mice expressing human beta-amyloid precursor protein have the same characteristics as those in Alzheimer's disease.

Neuroscience. 2001;104(2):299-310.

PMID: 11377835 [PubMed - indexed for MEDLINE]

- 48: [Nebuloni M, Pellegrinelli A, Ferri A, Bonetto S, Boldorini R, Vago L, Grassi MP, Costanzi G.](#) Related Articles, Links



Beta amyloid precursor protein and patterns of HIV p24 immunohistochemistry in different brain areas of AIDS patients.

AIDS. 2001 Mar 30;15(5):571-5.

PMID: 11316993 [PubMed - indexed for MEDLINE]









- 49: [Englund P, Jacobsson SO, Fowler CJ.](#) Related Articles, Links











Investigation into the effects of amyloid (1-42) beta-peptide upon basal and antigen-stimulated hexosaminidase and serotonin release from rat RBL-2H3 basophilic leukemia cells.










Methods Find Exp Clin Pharmacol. 2000 Nov;22(9):657-61.

PMID: 11294005 [PubMed - indexed for MEDLINE]









- 50:** [Frenkel D, Kariv N, Solomon B.](#) Related Articles, Links
 Generation of auto-antibodies towards Alzheimer's disease vaccination. *Vaccine*. 2001 Mar 21;19(17-19):2615-9. PMID: 11257400 [PubMed - indexed for MEDLINE]
- 51:** [Lin B, Ginsberg MD, Busto R.](#) Related Articles, Links
 Hyperglycemic but not normoglycemic global ischemia induces marked early intraneuronal expression of beta-amyloid precursor protein. *Brain Res*. 2001 Jan 5;888(1):107-116. PMID: 11146057 [PubMed - indexed for MEDLINE]
- 52:** [Vanderstichele H, Van Kerschaver E, Hesse C, Davidsson P, Buyse MA, Andreasen N, Minthon L, Wallin A, Blennow K, Vanmechelen E.](#) Related Articles, Links
 Standardization of measurement of beta-amyloid(1-42) in cerebrospinal fluid and plasma. *Amyloid*. 2000 Dec;7(4):245-58. PMID: 11132093 [PubMed - indexed for MEDLINE]
- 53:** [Seiffert D, Mitchell T, Stern AM, Roach A, Zhan Y, Grzanna R.](#) Related Articles, Links
 Positive-negative epitope-tagging of beta amyloid precursor protein to identify inhibitors of A beta processing. *Brain Res Mol Brain Res*. 2000 Dec 8;84(1-2):115-26. PMID: 11113538 [PubMed - indexed for MEDLINE]
- 54:** [Ogawa K, Yamada T, Tsujioka Y, Taguchi J, Takahashi M, Tsuboi Y, Fujino Y, Nakajima M, Yamamoto T, Akatsu H, Mitsui S, Yamaguchi N.](#) Related Articles, Links
 Localization of a novel type trypsin-like serine protease, neurosin, in brain tissues of Alzheimer's disease and Parkinson's disease. *Psychiatry Clin Neurosci*. 2000 Aug;54(4):419-26. PMID: 10997858 [PubMed - indexed for MEDLINE]
- 55:** [Simic G, Lucassen PJ, Krsnik Z, Kruslin B, Kostovic I, Winblad B, Bogdanovi.](#) Related Articles, Links
 nNOS expression in reactive astrocytes correlates with increased cell death related DNA damage in the hippocampus and entorhinal cortex in Alzheimer's disease. *Exp Neurol*. 2000 Sep;165(1):12-26. PMID: 10964481 [PubMed - indexed for MEDLINE]
- 56:** [Sasaki A, Nakazato Y, Ogawa A, Sugihara S.](#) Related Articles, Links
 The immunophenotype of perivascular cells in the human brain. *Pathol Int*. 1996 Jan;46(1):15-23. PMID: 10846545 [PubMed - indexed for MEDLINE]
- 57:** [Horsburgh K, Cole GM, Yang F, Savage MJ, Greenberg BD, Gentleman SM, Graham DI, Nicoll JA.](#) Related Articles, Links
 beta-amyloid (Abeta)42(43), abeta42, abeta40 and apoE immunostaining of plaques in fatal head injury. *Neuropathol Appl Neurobiol*. 2000 Apr;26(2):124-32. PMID: 10840275 [PubMed - indexed for MEDLINE]
- 58:** [Rohn TT, Ivins KJ, Bahr BA, Cotman CW, Cribbs DH.](#) Related Articles, Links

A monoclonal antibody to amyloid precursor protein induces neuronal

-  apoptosis.
J Neurochem. 2000 Jun;74(6):2331-42.
PMID: 10820193 [PubMed - indexed for MEDLINE]
- 59:** [Capell A, Steiner H, Romig H, Keck S, Baader M, Grim MG, Baumeister R, Haass C.](#) Related Articles, Links
Presenilin-1 differentially facilitates endoproteolysis of the beta-amyloid precursor protein and Notch.
Nat Cell Biol. 2000 Apr;2(4):205-11.
PMID: 10783238 [PubMed - indexed for MEDLINE]
- 60:** [Yoshiyama Y, Asahina M, Hattori T.](#) Related Articles, Links
 Selective distribution of matrix metalloproteinase-3 (MMP-3) in Alzheimer's disease brain.
Acta Neuropathol (Berl). 2000 Feb;99(2):91-5.
PMID: 10672313 [PubMed - indexed for MEDLINE]
- 61:** [Jung SS, Gauthier S, Cashman NR.](#) Related Articles, Links
 Beta-amyloid precursor protein is detectable on monocytes and is increased in Alzheimer's disease.
Neurobiol Aging. 1999 May-Jun;20(3):249-57.
PMID: 10588572 [PubMed - indexed for MEDLINE]
- 62:** [Lippa CF, Ozawa K, Mann DM, Ishii K, Smith TW, Arawaka S, Mori H.](#) Related Articles, Links
 Deposition of beta-amyloid subtypes 40 and 42 differentiates dementia with Lewy bodies from Alzheimer disease.
Arch Neurol. 1999 Sep;56(9):1111-8.
PMID: 10488812 [PubMed - indexed for MEDLINE]
- 63:** [Kaur B, Ruttly GN, Timperley WR.](#) Related Articles, Links
 The possible role of hypoxia in the formation of axonal bulbs.
J Clin Pathol. 1999 Mar;52(3):203-9.
PMID: 10450180 [PubMed - indexed for MEDLINE]
- 64:** [Kurt MA, Davies DC, Kidd M.](#) Related Articles, Links
 beta-Amyloid immunoreactivity in astrocytes in Alzheimer's disease brain biopsies: an electron microscope study.
Exp Neurol. 1999 Jul;158(1):221-8.
PMID: 10448435 [PubMed - indexed for MEDLINE]
- 65:** [Yuan H, Zhai P, Anderson LM, Pan J, Thimmapaya B, Koo EH, Marquez-Sterling NR.](#) Related Articles, Links
 Recombinant adenovirus is an appropriate vector for endocytotic protein trafficking studies in cultured neurons.
J Neurosci Methods. 1999 Apr 1;88(1):45-54.
PMID: 10379578 [PubMed - indexed for MEDLINE]
- 66:** [Ohsawa I, Takamura C, Morimoto T, Ishiguro M, Kohsaka S.](#) Related Articles, Links
 Amino-terminal region of secreted form of amyloid precursor protein stimulates proliferation of neural stem cells.
Eur J Neurosci. 1999 Jun;11(6):1907-13.
PMID: 10336659 [PubMed - indexed for MEDLINE]
- 67:** [Johnson G, Moore SW.](#) Related Articles, Links

-  The adhesion function on acetylcholinesterase is located at the peripheral anionic site.
Biochem Biophys Res Commun. 1999 May 19;258(3):758-62.
PMID: 10329459 [PubMed - indexed for MEDLINE]
- 68:** [Abraham CR, Marshall DC, Tibbles HE, Otto K, Long HJ, Billingslea AM, Hasteley R, Johnson R, Fine RE, Smith SJ, Simons ER, Davies TA.](#) [Related Articles, Links](#)
-  Platelets and DAMI megakaryocytes possess beta-secretase-like activity.
J Lab Clin Med. 1999 May;133(5):507-15.
PMID: 10235134 [PubMed - indexed for MEDLINE]
- 69:** [Frenkel D, Balass M, Katchalski-Katzir E, Solomon B.](#) [Related Articles, Links](#)
-  High affinity binding of monoclonal antibodies to the sequential epitope EFRH of beta-amyloid peptide is essential for modulation of fibrillar aggregation.
J Neuroimmunol. 1999 Mar 1;95(1-2):136-42.
PMID: 10229123 [PubMed - indexed for MEDLINE]
- 70:** [Lin B, Schmidt-Kastner R, Busto R, Ginsberg MD.](#) [Related Articles, Links](#)
-  Progressive parenchymal deposition of beta-amyloid precursor protein in rat brain following global cerebral ischemia.
Acta Neuropathol (Berl). 1999 Apr;97(4):359-68.
PMID: 10208275 [PubMed - indexed for MEDLINE]
- 71:** [Egensperger R, Weggen S, Ida N, Multhaup G, Schnabel R, Beyreuther K, Bayer TA.](#) [Related Articles, Links](#)
-  Reverse relationship between beta-amyloid precursor protein and beta-amyloid peptide plaques in Down's syndrome versus sporadic/familial Alzheimer's disease.
Acta Neuropathol (Berl). 1999 Feb;97(2):113-8.
PMID: 9928821 [PubMed - indexed for MEDLINE]
- 72:** [Leanza G.](#) [Related Articles, Links](#)
-  Chronic elevation of amyloid precursor protein expression in the neocortex and hippocampus of rats with selective cholinergic lesions.
Neurosci Lett. 1998 Nov 20;257(1):53-6.
PMID: 9857964 [PubMed - indexed for MEDLINE]
- 73:** [Mizuno T, Haass C, Michikawa M, Yanagisawa K.](#) [Related Articles, Links](#)
-  Cholesterol-dependent generation of a unique amyloid beta-protein from apically missorted amyloid precursor protein in MDCK cells.
Biochim Biophys Acta. 1998 Aug 14;1373(1):119-30.
PMID: 9733943 [PubMed - indexed for MEDLINE]
- 74:** [Hock C, Golombowski S, Muller-Spahn F, Peschel O, Riederer A, Probst A, Mandelkow E, Unger J.](#) [Related Articles, Links](#)
-  Histological markers in nasal mucosa of patients with Alzheimer's disease.
Eur Neurol. 1998 Jul;40(1):31-6.
PMID: 9693230 [PubMed - indexed for MEDLINE]
- 75:** [Frenkel D, Balass M, Solomon B.](#) [Related Articles, Links](#)
-  N-terminal EFRH sequence of Alzheimer's beta-amyloid peptide represents the epitope of its anti-aggregating antibodies.

J Neuroimmunol. 1998 Aug 1;88(1-2):85-90.
PMID: 9688328 [PubMed - indexed for MEDLINE]

- 76:** [Tamaoka A.](#) Related Articles, Links
 [Characterization of amyloid beta protein species in the plasma, cerebrospinal fluid and brains of patients with Alzheimer's disease]
 Nippon Ronen Igakkai Zasshi. 1998 Apr;35(4):273-7. Japanese.
 PMID: 9643008 [PubMed - indexed for MEDLINE]
- 77:** [Nakamura Y, Yamamoto M, Kumamaru E.](#) Related Articles, Links
 A variant very low density lipoprotein receptor lacking 84 base pairs of O-linked sugar domain in the human brain myelin.
 Brain Res. 1998 May 18;793(1-2):47-53.
 PMID: 9630508 [PubMed - indexed for MEDLINE]
- 78:** [Honda S, Itoh F, Yoshimoto M, Hinoda Y, Imai K.](#) Related Articles, Links
 Changes in morphology of neuroblastoma cells treated with all-trans retinoic acid combined with transfer of the C-terminal region of the amyloid precursor protein.
 J Clin Lab Anal. 1998;12(3):172-8.
 PMID: 9591705 [PubMed - indexed for MEDLINE]
- 79:** [Rossner S.](#) Related Articles, Links
 Cholinergic immunolesions by 192IgG-saporin--useful tool to simulate pathogenic aspects of Alzheimer's disease.
 Int J Dev Neurosci. 1997 Nov;15(7):835-50. Review.
 PMID: 9568532 [PubMed - indexed for MEDLINE]
- 80:** [Dwork AJ, Liu D, Kaufman MA, Prohovnik I.](#) Related Articles, Links
 Archival, formalin-fixed tissue: its use in the study of Alzheimer's type changes.
 Clin Neuropathol. 1998 Jan-Feb;17(1):45-9.
 PMID: 9496540 [PubMed - indexed for MEDLINE]
- 81:** [Friedman LM, Matsuda Y, Lazarovici P.](#) Related Articles, Links
 The microbial alkaloid toxin staurosporine blocks the phorbol ester-induced increase in beta-amyloid precursor protein in PC12 cells.
 Nat Toxins. 1997;5(5):173-9.
 PMID: 9496375 [PubMed - indexed for MEDLINE]
- 82:** [Robertson TA, Dutton NS, Martins RN, Roses AD, Kakulas BA, Papadimitriou JM.](#) Related Articles, Links
 Age-related congophilic inclusions in the brains of apolipoprotein E-deficient mice.
 Neuroscience. 1998 Jan;82(1):171-80.
 PMID: 9483513 [PubMed - indexed for MEDLINE]
- 83:** [Kobayashi K, Muramori F, Aoki T, Hayashi M, Miyazu K, Fukutani Y, Mukai M, Koshino F.](#) Related Articles, Links
 KP-1 is a marker for extraneuronal neurofibrillary tangles and senile plaques in Alzheimer diseased brains.
 Dement Geriatr Cogn Disord. 1998 Jan-Feb;9(1):13-9.
 PMID: 9469259 [PubMed - indexed for MEDLINE]
- 84:** [Shalit F, Sredni B, Rosenblatt-Bin H, Kazimirsky G, Brodie C.](#) Related Articles, Links

Huberman M.



Beta-amyloid peptide induces tumor necrosis factor-alpha and nitric oxide production in murine macrophage cultures.

Neuroreport. 1997 Nov 10;8(16):3577-80.

PMID: 9427329 [PubMed - indexed for MEDLINE]

85: Walker LC.

Related Articles, Links



Animal models of cerebral beta-amyloid angiopathy.

Brain Res Brain Res Rev. 1997 Sep 30;25(1):70-84. Review.

PMID: 9370051 [PubMed - indexed for MEDLINE]

86: Goodwin JL, Kehrl ME Jr, Uemura E.

Related Articles, Links



Integrin Mac-1 and beta-amyloid in microglial release of nitric oxide.

Brain Res. 1997 Sep 12;768(1-2):279-86.

PMID: 9369326 [PubMed - indexed for MEDLINE]

87: Lahiri DK, Farlow MR, Sambamurti K, Nall C.

Related Articles, Links



The effect of tacrine and leupeptin on the secretion of the beta-amyloid precursor protein in HeLa cells.

Life Sci. 1997;61(20):1985-92.

PMID: 9366505 [PubMed - indexed for MEDLINE]

88: Lahiri DK, Farlow MR, Nurnberger JI Jr, Greig NH.

Related Articles, Links



Effects of cholinesterase inhibitors on the secretion of beta-amyloid precursor protein in cell cultures.

Ann N Y Acad Sci. 1997 Sep 26;826:416-21.

PMID: 9329715 [PubMed - indexed for MEDLINE]

89: Shea TB, Prabhakar S, Ekinci FJ.

Related Articles, Links



Beta-amyloid and ionophore A23187 evoke tau hyperphosphorylation by distinct intracellular pathways: differential involvement of the calpain/protein kinase C system.

J Neurosci Res. 1997 Sep 15;49(6):759-68.

PMID: 9335263 [PubMed - indexed for MEDLINE]

90: Cutler P, Brown F, Camilleri P, Carpenter D, George A, Gray C, Haran M, Stewart B. Related Articles, Links



The recognition of haemoglobin by antibodies raised for the immunoassay of beta-amyloid.

FEBS Lett. 1997 Jul 28;412(2):341-5.

PMID: 9256248 [PubMed - indexed for MEDLINE]

91: Yamada T, Wakabayashi K, Kakihara T, Gejyo F, Takahashi H, Itoh Y. Related Articles, Links



Further characterization of a monoclonal antibody recognizing apolipoprotein E peptides in amyloid deposits.

Ann Clin Lab Sci. 1997 Jul-Aug;27(4):276-81.

PMID: 9210972 [PubMed - indexed for MEDLINE]

92: Gomez-Isla T, Wasco W, Pettingell WP, Gurubhagavatula S, Schmidt SD, Jondro PD, McNamara M, Rodes LA, DiBlasi T, Growdon WB, Seubert P, Schenk D, Growdon JH, Hyman BT, Tanzi RE. Related Articles, Links



A novel presenilin-1 mutation: increased beta-amyloid and neurofibrillary changes.

Ann Neurol. 1997 Jun;41(6):809-13.
PMID: 9189043 [PubMed - indexed for MEDLINE]

- 93:** [Sasaki A, Iijima M, Yokoo H, Shoji M, Nakazato Y.](#) Related Articles, Links



Human choroid plexus is an uniquely involved area of the brain in amyloidosis: a histochemical, immunohistochemical and ultrastructural study.

Brain Res. 1997 May 2;755(2):193-201.
PMID: 9175887 [PubMed - indexed for MEDLINE]

- 94:** [Solomon B, Koppel R, Frankel D, Hanan-Aharon E.](#) Related Articles, Links



Disaggregation of Alzheimer beta-amyloid by site-directed mAb.

Proc Natl Acad Sci U S A. 1997 Apr 15;94(8):4109-12.
PMID: 9108113 [PubMed - indexed for MEDLINE]

- 95:** [Lim GP, Russell MJ, Cullen MJ, Tokes ZA.](#) Related Articles, Links



Matrix metalloproteinases in dog brains exhibiting Alzheimer-like characteristics.

J Neurochem. 1997 Apr;68(4):1606-11.
PMID: 9084432 [PubMed - indexed for MEDLINE]

- 96:** [Xu S, Gaskin F.](#) Related Articles, Links



Increased incidence of anti-beta-amyloid autoantibodies secreted by Epstein-Barr virus transformed B cell lines from patients with Alzheimer's disease.

Mech Ageing Dev. 1997 Mar;94(1-3):213-22.
PMID: 9147373 [PubMed - indexed for MEDLINE]

- 97:** [McDermott JR, Gibson AM.](#) Related Articles, Links



Degradation of Alzheimer's beta-amyloid protein by human and rat brain peptidases: involvement of insulin-degrading enzyme.

Neurochem Res. 1997 Jan;22(1):49-56.
PMID: 9021762 [PubMed - indexed for MEDLINE]

- 98:** [Drache B, Diehl GE, Beyreuther K, Perlmutter LS, Konig G.](#) Related Articles, Links



Bcl-xl-specific antibody labels activated microglia associated with Alzheimer's disease and other pathological states.

J Neurosci Res. 1997 Jan 1;47(1):98-108.
PMID: 8981243 [PubMed - indexed for MEDLINE]

- 99:** [Nielson KA, Cummings BJ, Cotman CW.](#) Related Articles, Links



Constructional apraxia in Alzheimer's disease correlates with neuritic neuropathology in occipital cortex.

Brain Res. 1996 Nov 25;741(1-2):284-93.
PMID: 9001734 [PubMed - indexed for MEDLINE]









- 100:** [Citron M, Diehl TS, Gordon G, Biere AL, Seubert P, Selkoe DJ.](#) Related Articles, Links












Evidence that the 42- and 40-amino acid forms of amyloid beta protein are generated from the beta-amyloid precursor protein by different protease activities.

Proc Natl Acad Sci U S A. 1996 Nov 12;93(23):13170-5.
PMID: 8917563 [PubMed - indexed for MEDLINE]

[Jung SS, Nalbantoglu J, Cashman NR.](#)

- 101:** Related Articles, Links
 Alzheimer's beta-amyloid precursor protein is expressed on the surface of immediately ex vivo brain cells: a flow cytometric study.
 J Neurosci Res. 1996 Nov 1;46(3):336-48.
 PMID: 8933373 [PubMed - indexed for MEDLINE]
- 102:** Stephens DJ, Austen BM. Related Articles, Links
 Metabolites of the beta-amyloid precursor protein generated by beta-secretase localise to the trans-Golgi network and late endosome in 293 cells.
 J Neurosci Res. 1996 Oct 15;46(2):211-25.
 PMID: 8915898 [PubMed - indexed for MEDLINE]
- 103:** Kuo H, Ingram DK, Walker LC, Tian M, Hengemihle JM, Jucker M. Related Articles, Links
 Similarities in the age-related hippocampal deposition of periodic acid-schiff-positive granules in the senescence-accelerated mouse P8 and C57BL/6 mouse strains.
 Neuroscience. 1996 Oct;74(3):733-40.
 PMID: 8884769 [PubMed - indexed for MEDLINE]
- 104:** Vodovotz Y, Lucia MS, Flanders KC, Chesler L, Xie QW, Smith TW, Weidner J, Mumford R, Webber R, Nathan C, Roberts AB, Lippa CF, Sporn MB. Related Articles, Links
 Inducible nitric oxide synthase in tangle-bearing neurons of patients with Alzheimer's disease.
 J Exp Med. 1996 Oct 1;184(4):1425-33.
 PMID: 8879214 [PubMed - indexed for MEDLINE]
- 105:** De La Monte SM, Carlson RI, Brown NV, Wands JR. Related Articles, Links
 Profiles of neuronal thread protein expression in Alzheimer's disease.
 J Neuropathol Exp Neurol. 1996 Oct;55(10):1038-50.
 PMID: 8858001 [PubMed - indexed for MEDLINE]
- 106:** Fraser SP, Suh YH, Chong YH, Djamgoz MB. Related Articles, Links
 Membrane currents induced in Xenopus oocytes by the C-terminal fragment of the beta-amyloid precursor protein.
 J Neurochem. 1996 May;66(5):2034-40.
 PMID: 8780033 [PubMed - indexed for MEDLINE]
- 107:** Koo EH, Squazzo SL, Selkoe DJ, Koo CH. Related Articles, Links
 Trafficking of cell-surface amyloid beta-protein precursor. I. Secretion, endocytosis and recycling as detected by labeled monoclonal antibody.
 J Cell Sci. 1996 May;109 (Pt 5):991-8.
 PMID: 8743946 [PubMed - indexed for MEDLINE]
- 108:** Tamaoka A, Endoh R, Shoji S, Takahashi H, Hirokawa K, Teplow DB, Selkoe DJ, Mori H. Related Articles, Links
 Antibodies to amyloid beta protein (A beta) crossreact with glyceraldehyde-3-phosphate dehydrogenase (GAPDH).
 Neurobiol Aging. 1996 May-Jun;17(3):405-14.
 PMID: 8725902 [PubMed - indexed for MEDLINE]
- 109:** Nelson PT, Saper CB. Related Articles, Links

-  Injections of okadaic acid, but not beta-amyloid peptide, induce Alz-50 immunoreactive dystrophic neurites in the cerebral cortex of sheep. *Neurosci Lett.* 1996 Apr 19;208(2):77-80. PMID: 8859894 [PubMed - indexed for MEDLINE]
- 110:** [Zhang M, Olsson Y.](#) Related Articles, Links
-  Beta-amyloid precursor protein accumulates in axons around hematogenous metastases of the human brain: immunohistochemical observations. *Clin Neuropathol.* 1996 Mar-Apr;15(2):74-8. PMID: 8925600 [PubMed - indexed for MEDLINE]
- 111:** [Liberski PP, Yanagihara R, Brown P, Kordek R, Kloszewska I, Bratosiewicz J, Gajdusek DC.](#) Related Articles, Links
-  Microwave treatment enhances the immunostaining of amyloid deposits in both the transmissible and non-transmissible brain amyloidoses. *Neurodegeneration.* 1996 Mar;5(1):95-9. PMID: 8731388 [PubMed - indexed for MEDLINE]
- 112:** [Konig G, Graham P, Bushnell A, Webster S, Wunderlich D, Perlmutter LS.](#) Related Articles, Links
-  Development and characterization of a monoclonal antibody 369.2B specific for the carboxyl-terminus of the beta A4 peptide. *Ann N Y Acad Sci.* 1996 Jan 17;777:344-55. PMID: 8624111 [PubMed - indexed for MEDLINE]
- 113:** [Solomon B, Koppel R, Hanan E, Katzav T.](#) Related Articles, Links
-  Monoclonal antibodies inhibit in vitro fibrillar aggregation of the Alzheimer beta-amyloid peptide. *Proc Natl Acad Sci U S A.* 1996 Jan 9;93(1):452-5. PMID: 8552659 [PubMed - indexed for MEDLINE]
- 114:** [Lahiri DK, Farlow MR.](#) Related Articles, Links
-  Differential effect of tacrine and physostigmine on the secretion of the beta-amyloid precursor protein in cell lines. *J Mol Neurosci.* 1996 Spring;7(1):41-9. PMID: 8835781 [PubMed - indexed for MEDLINE]
- 115:** [Mena R, Edwards PC, Harrington CR, Mukaetova-Ladinska EB, Wischik CM.](#) Related Articles, Links
-  Staging the pathological assembly of truncated tau protein into paired helical filaments in Alzheimer's disease. *Acta Neuropathol (Berl).* 1996;91(6):633-41. PMID: 8781663 [PubMed - indexed for MEDLINE]
- 116:** [Veerhuis R, Janssen I, Hack CE, Eikelenboom P.](#) Related Articles, Links
-  Early complement components in Alzheimer's disease brains. *Acta Neuropathol (Berl).* 1996;91(1):53-60. PMID: 8773146 [PubMed - indexed for MEDLINE]
- 117:** [Saito Y, Buciak J, Yang J, Pardridge WM.](#) Related Articles, Links
-  Vector-mediated delivery of 125I-labeled beta-amyloid peptide A beta 1-40 through the blood-brain barrier and binding to Alzheimer disease amyloid of the A beta 1-40/vector complex. *Proc Natl Acad Sci U S A.* 1995 Oct 24;92(22):10227-31.

PMID: 7479757 [PubMed - indexed for MEDLINE]

- 118:** [Link CD.](#) Related Articles, Links



Expression of human beta-amyloid peptide in transgenic *Caenorhabditis elegans*.

Proc Natl Acad Sci U S A. 1995 Sep 26;92(20):9368-72.
PMID: 7568134 [PubMed - indexed for MEDLINE]

- 119:** [Davis DR, Brion JP, Couck AM, Gallo JM, Hanger DP, Ladhani K, Lewis C, Miller CC, Rupniak T, Smith C, et al.](#) Related Articles, Links



The phosphorylation state of the microtubule-associated protein tau as affected by glutamate, colchicine and beta-amyloid in primary rat cortical neuronal cultures.

Biochem J. 1995 Aug 1;309 (Pt 3):941-9.
PMID: 7639714 [PubMed - indexed for MEDLINE]

- 120:** [Crino PB, Martin JA, Hill WD, Greenberg B, Lee VM, Trojanowski JQ.](#) Related Articles, Links



Beta-Amyloid peptide and amyloid precursor proteins in olfactory mucosa of patients with Alzheimer's disease, Parkinson's disease, and Down syndrome.

Ann Otol Rhinol Laryngol. 1995 Aug;104(8):655-61.
PMID: 7639477 [PubMed - indexed for MEDLINE]

- 121:** [Kounnas MZ, Moir RD, Rebeck GW, Bush AI, Argraves WS, Tanzi RE, Hyman BT, Strickland DK.](#) Related Articles, Links



LDL receptor-related protein, a multifunctional ApoE receptor, binds secreted beta-amyloid precursor protein and mediates its degradation.

Cell. 1995 Jul 28;82(2):331-40.
PMID: 7543026 [PubMed - indexed for MEDLINE]

- 122:** [Griffith LS, Mathes M, Schmitz B.](#) Related Articles, Links



Beta-amyloid precursor protein is modified with O-linked N-acetylglucosamine.

J Neurosci Res. 1995 Jun 1;41(2):270-8.
PMID: 7650762 [PubMed - indexed for MEDLINE]

- 123:** [Yamada T, Kobayashi T.](#) Related Articles, Links



The mutation in amyloid precursor protein inhibits both alpha- and beta-secretion.

Neurosci Lett. 1995 May 19;191(1-2):103-6.
PMID: 7659274 [PubMed - indexed for MEDLINE]

- 124:** [Fang Q, Kannapell CC, Fu SM, Xu S, Gaskin F.](#) Related Articles, Links



VH and VL gene usage by anti-beta-amyloid autoantibodies in Alzheimer's disease: detection of highly mutated V regions in both heavy and light chains.

Clin Immunol Immunopathol. 1995 May;75(2):159-67.
PMID: 7704974 [PubMed - indexed for MEDLINE]

- 125:** [Kimura T, Takamatsu J, Araki N, Goto M, Kondo A, Miyakawa T, Horiuchi S.](#) Related Articles, Links



Are advanced glycation end-products associated with amyloidosis in Alzheimer's disease?

Neuroreport. 1995 Apr 19;6(6):866-8.

PMID: 7612872 [PubMed - indexed for MEDLINE]

- 126:** [Oohira A, Kushima Y, Matsui F, Watanabe E.](#) Related Articles, Links



Detection of Alzheimer's beta-amyloid precursor related proteins bearing chondroitin sulfate both in the juvenile rat brain and in the conditioned medium of primary cultured astrocytes.

Neurosci Lett. 1995 Apr 7;189(1):25-8.

PMID: 7603617 [PubMed - indexed for MEDLINE]

- 127:** [Pike CJ, Cummings BJ, Cotman CW.](#) Related Articles, Links



Early association of reactive astrocytes with senile plaques in Alzheimer's disease.

Exp Neurol. 1995 Apr;132(2):172-9.

PMID: 7789457 [PubMed - indexed for MEDLINE]

- 128:** [Yamazaki T, Selkoe DJ, Koo EH.](#) Related Articles, Links



Trafficking of cell surface beta-amyloid precursor protein: retrograde and transcytotic transport in cultured neurons.

J Cell Biol. 1995 Apr;129(2):431-42.

PMID: 7721945 [PubMed - indexed for MEDLINE]

- 129:** [Kim CS, Han YF, Etcheberrigaray R, Nelson TJ, Olds JL, Yoshioka T, Alkon DL.](#) Related Articles, Links



Alzheimer and beta-amyloid-treated fibroblasts demonstrate a decrease in a memory-associated GTP-binding protein, Cp20.

Proc Natl Acad Sci U S A. 1995 Mar 28;92(7):3060-4.

PMID: 7708775 [PubMed - indexed for MEDLINE]

- 130:** [Okamoto T, Takeda S, Murayama Y, Ogata E, Nishimoto I.](#) Related Articles, Links



Ligand-dependent G protein coupling function of amyloid transmembrane precursor.

J Biol Chem. 1995 Mar 3;270(9):4205-8.

PMID: 7876177 [PubMed - indexed for MEDLINE]

- 131:** [Cabal A, Alonso-Cortina V, Gonzalez-Vazquez LO, Naves FJ, Del Valle ME, Vega JA.](#) Related Articles, Links



beta-Amyloid precursor protein (beta APP) in human gut with special reference to the enteric nervous system.

Brain Res Bull. 1995;38(5):417-23.

PMID: 8665264 [PubMed - indexed for MEDLINE]

- 132:** [Mangone CA, Castano EM, Levy E, Abiusi G, Wisniewski T, Marques MR, Faccio E, Gorelick PB, Frangione B, Sica RE.](#) Related Articles, Links



Early onset Alzheimer's disease in a South American pedigree from Argentina.

Acta Neurol Scand. 1995 Jan;91(1):6-13.

PMID: 7732777 [PubMed - indexed for MEDLINE]

- 133:** [Mena R, Edwards P, Perez-Olvera O, Wischik CM.](#) Related Articles, Links












Monitoring pathological assembly of tau and beta-amyloid proteins in Alzheimer's disease.









Acta Neuropathol (Berl). 1995;89(1):50-6.









PMID: 7709731 [PubMed - indexed for MEDLINE]

- 134:** [Oda T, Pasinetti GM, Osterburg HH, Anderson C, Johnson SA, Finch CE.](#) Related Articles, Links











-  Purification and characterization of brain clusterin.
Biochem Biophys Res Commun. 1994 Nov 15;204(3):1131-6.
PMID: 7980587 [PubMed - indexed for MEDLINE]
- 135:** Katsetos CD, Krishna L, Friedberg E, Reidy J, Karkavelas G, Savory J. Related Articles, Links
-  Lobar pilocytic astrocytomas of the cerebral hemispheres: II.
Pathobiology--morphogenesis of the eosinophilic granular bodies.
Clin Neuropathol. 1994 Nov-Dec;13(6):306-14.
PMID: 7851045 [PubMed - indexed for MEDLINE]
- 136:** McGeer PL, Klegeris A, Walker DG, Yasuhara O, McGeer EG. Related Articles, Links
-  Pathological proteins in senile plaques.
Tohoku J Exp Med. 1994 Nov;174(3):269-77.
PMID: 7761992 [PubMed - indexed for MEDLINE]
- 137:** Yang F, Mak K, Vinters HV, Frautschy SA, Cole GM. Related Articles, Links
-  Monoclonal antibody to the C-terminus of beta-amyloid.
Neuroreport. 1994 Oct 27;5(16):2117-20.
PMID: 7865758 [PubMed - indexed for MEDLINE]
- 138:** Burke WJ, Galvin NJ, Chung HD, Stoff SA, Gillespie KN, Cataldo AM, Nixon RA. Related Articles, Links
-  Degenerative changes in epinephrine tonic vasomotor neurons in Alzheimer's disease.
Brain Res. 1994 Oct 24;661(1-2):35-42.
PMID: 7834382 [PubMed - indexed for MEDLINE]
- 139:** Dreyer RN, Bausch KM, Fracasso P, Hammond LJ, Wunderlich D, Wirak DO, Davis G, Brini CM, Buckholz TM, Konig G, et al. Related Articles, Links
-  Processing of the pre-beta-amyloid protein by cathepsin D is enhanced by a familial Alzheimer's disease mutation.
Eur J Biochem. 1994 Sep 1;224(2):265-71.
PMID: 7523115 [PubMed - indexed for MEDLINE]
- 140:** van de Nes JA, Sluiter AA, Pool CW, Kamphorst W, Ravid R, Swaab DF. Related Articles, Links
-  The monoclonal antibody Alz-50, used to reveal cytoskeletal changes in Alzheimer's disease, also reacts with a large subpopulation of somatostatin neurons in the normal human hypothalamus and adjoining areas.
Brain Res. 1994 Aug 29;655(1-2):97-109.
PMID: 7812796 [PubMed - indexed for MEDLINE]
- 141:** Durham HD, Minotti S, Dooley NP, Nalbantoglu J. Related Articles, Links
-  Expression of the intermediate filament-associated protein related to beta-amyloid precursor protein is developmentally regulated in cultured cells.
J Neurosci Res. 1994 Aug 15;38(6):629-39.
PMID: 7807580 [PubMed - indexed for MEDLINE]
- 142:** Friedland RP, Majojcha RE, Reno JM, Lyle LR, Marotta CA. Related Articles, Links
-  Development of an anti-A beta monoclonal antibody for in vivo imaging of amyloid angiopathy in Alzheimer's disease.

Mol Neurobiol. 1994 Aug-Dec;9(1-3):107-13.
PMID: 7888086 [PubMed - indexed for MEDLINE]

- 143:** [Iwatsubo T, Odaka A, Suzuki N, Mizusawa H, Nukina N, Ihara Y.](#) Related Articles, Links
 Visualization of A beta 42(43) and A beta 40 in senile plaques with end-specific A beta monoclonals: evidence that an initially deposited species is A beta 42(43).
Neuron. 1994 Jul;13(1):45-53.
PMID: 8043280 [PubMed - indexed for MEDLINE]
- 144:** [Walker LC, Price DL, Voytko ML, Schenk DB.](#) Related Articles, Links
 Labeling of cerebral amyloid in vivo with a monoclonal antibody.
J Neuropathol Exp Neurol. 1994 Jul;53(4):377-83.
PMID: 8021711 [PubMed - indexed for MEDLINE]
- 145:** [Jucker M, Walker LC, Schwarb P, Hengemihle J, Kuo H, Snow AD, Bamert F, Ingram DK.](#) Related Articles, Links
 Age-related deposition of glia-associated fibrillar material in brains of C57BL/6 mice.
Neuroscience. 1994 Jun;60(4):875-89.
PMID: 7936209 [PubMed - indexed for MEDLINE]
- 146:** [Kurochkin IV, Goto S.](#) Related Articles, Links
 Alzheimer's beta-amyloid peptide specifically interacts with and is degraded by insulin degrading enzyme.
FEBS Lett. 1994 May 23;345(1):33-7.
PMID: 8194595 [PubMed - indexed for MEDLINE]
- 147:** [Tabaton M, Nunzi MG, Xue R, Usiak M, Autilio-Gambetti L, Gambetti P.](#) Related Articles, Links
 Soluble amyloid beta-protein is a marker of Alzheimer amyloid in brain but not in cerebrospinal fluid.
Biochem Biophys Res Commun. 1994 May 16;200(3):1598-603.
PMID: 8185615 [PubMed - indexed for MEDLINE]
- 148:** [Murphy GM Jr, Forno LS, Higgins L, Scardina JM, Eng LF, Cordell B.](#) Related Articles, Links
 Development of a monoclonal antibody specific for the COOH-terminal of beta-amyloid 1-42 and its immunohistochemical reactivity in Alzheimer's disease and related disorders.
Am J Pathol. 1994 May;144(5):1082-8.
PMID: 8178931 [PubMed - indexed for MEDLINE]
- 149:** [Stanley LC, Mrak RE, Woody RC, Perrot LJ, Zhang S, Marshak DR, Nelson SJ, Griffin WS.](#) Related Articles, Links
 Glial cytokines as neuropathogenic factors in HIV infection: pathogenic similarities to Alzheimer's disease.
J Neuropathol Exp Neurol. 1994 May;53(3):231-8.
PMID: 8176406 [PubMed - indexed for MEDLINE]
- 150:** [Akaaboune M, Ma J, Festoff BW, Greenberg BD, Hantai D.](#) Related Articles, Links
 Neurotrophic regulation of mouse muscle beta-amyloid protein precursor and alpha 1-antichymotrypsin as revealed by axotomy.
J Neurobiol. 1994 May;25(5):503-14.
PMID: 8071658 [PubMed - indexed for MEDLINE]

- 151:** [Higgins LS, Holtzman DM, Rabin J, Mobley WC, Cordell B.](#) Related Articles, Links
 Transgenic mouse brain histopathology resembles early Alzheimer's disease.
 Ann Neurol. 1994 May;35(5):598-607.
 PMID: 7513982 [PubMed - indexed for MEDLINE]
- 152:** [Hajimohammadreza I, Anderson VE, Cavanagh JB, Seville MP, Nolan CC, Anderton BH, Leigh PN.](#) Related Articles, Links
 beta-Amyloid precursor protein fragments and lysosomal dense bodies are found in rat brain neurons after ventricular infusion of leupeptin.
 Brain Res. 1994 Mar 21;640(1-2):25-32.
 PMID: 8004453 [PubMed - indexed for MEDLINE]
- 153:** [Bickel U, Lee VM, Trojanowski JQ, Pardridge WM.](#) Related Articles, Links
 Development and in vitro characterization of a cationized monoclonal antibody against beta A4 protein: a potential probe for Alzheimer's disease.
 Bioconjug Chem. 1994 Mar-Apr;5(2):119-25.
 PMID: 8031874 [PubMed - indexed for MEDLINE]
- 154:** [Loffler J, Langui D, Probst A, Huber G.](#) Related Articles, Links
 Accumulation of a 50 kDa N-terminal fragment of beta-APP695 in Alzheimer's disease hippocampus and neocortex.
 Neurochem Int. 1994 Mar;24(3):281-8.
 PMID: 8025536 [PubMed - indexed for MEDLINE]
- 155:** [Snow AD, Sekiguchi RT, Nochlin D, Kalaria RN, Kimata K.](#) Related Articles, Links
 Heparan sulfate proteoglycan in diffuse plaques of hippocampus but not of cerebellum in Alzheimer's disease brain.
 Am J Pathol. 1994 Feb;144(2):337-47.
 PMID: 8311117 [PubMed - indexed for MEDLINE]
- 156:** [Hartig W, Hausen D, Brauer K, Arendt T, Bigl V, Bruckner G.](#) Related Articles, Links
 Digoxigenin-tagged anti-GFAP and multiple labelling of human glia, vessels and beta-amyloid.
 Neuroreport. 1994 Jan 31;5(5):573-6. Erratum in: Neuroreport 1994 Apr 14;5(8):following 1014.
 PMID: 8025246 [PubMed - indexed for MEDLINE]
- 157:** [Maat-Schieman ML, Radder CM, van Duinen SG, Haan J, Roos RA.](#) Related Articles, Links
 Hereditary cerebral hemorrhage with amyloidosis (Dutch): a model for congophilic plaque formation without neurofibrillary pathology.
 Acta Neuropathol (Berl). 1994;88(4):371-8.
 PMID: 7839831 [PubMed - indexed for MEDLINE]
- 158:** [Zemlan FP, Vogelsang GD, McLaughlin L, Dean GE.](#) Related Articles, Links
 Alzheimer's paired helical filaments: amyloid precursor protein epitope mapping.
 Brain Res Bull. 1994;33(4):387-92.
 PMID: 7510209 [PubMed - indexed for MEDLINE]
- 159:** [Cummings BJ, Su JH, Cotman CW.](#) Related Articles, Links

Neuritic involvement within bFGF immunopositive plaques of

-  Alzheimer's disease.
Exp Neurol. 1993 Dec;124(2):315-25.
PMID: 8287930 [PubMed - indexed for MEDLINE]
- 160:** [Bennett DA, Cochran EJ, Saper CB, Leverenz JB, Gilley DW, Wilson RS.](#) Related Articles, Links
-  Pathological changes in frontal cortex from biopsy to autopsy in Alzheimer's disease.
Neurobiol Aging. 1993 Nov-Dec;14(6):589-96.
PMID: 8295661 [PubMed - indexed for MEDLINE]
- 161:** [Vigo-Pelfrey C, Lee D, Keim P, Lieberburg I, Schenk DB.](#) Related Articles, Links
-  Characterization of beta-amyloid peptide from human cerebrospinal fluid.
J Neurochem. 1993 Nov;61(5):1965-8.
PMID: 8229004 [PubMed - indexed for MEDLINE]
- 162:** [Askanas V, Bilak M, Engel WK, Alvarez RB, Tome F, Leclerc A.](#) Related Articles, Links
-  Prion protein is abnormally accumulated in inclusion-body myositis.
Neuroreport. 1993 Oct 25;5(1):25-8.
PMID: 8280854 [PubMed - indexed for MEDLINE]
- 163:** [Askanas V, Bilak M, Engel WK, Leclerc A, Tome F.](#) Related Articles, Links
-  Prion protein is strongly immunolocalized at the postsynaptic domain of human normal neuromuscular junctions.
Neurosci Lett. 1993 Sep 3;159(1-2):111-4.
PMID: 8264949 [PubMed - indexed for MEDLINE]
- 164:** [Holmes C, Webster MT, Procter AW, Francis PT, Bowen DM.](#) Related Articles, Links
-  Relationship between beta-amyloid precursor protein, pyramidal neurones and astrocytes in human neocortex.
Biochem Soc Trans. 1993 Aug;21 (Pt 3)(3):238S. No abstract available.
PMID: 8224394 [PubMed - indexed for MEDLINE]
- 165:** [Miklossy J.](#) Related Articles, Links
-  Alzheimer's disease--a spirochetosis?
Neuroreport. 1993 Jul;4(7):841-8.
PMID: 8369471 [PubMed - indexed for MEDLINE]
- 166:** [Singhrao SK, Neal JW, Newman GR.](#) Related Articles, Links
-  Corpora amylacea could be an indicator of neurodegeneration.
Neuropathol Appl Neurobiol. 1993 Jun;19(3):269-76.
PMID: 8355813 [PubMed - indexed for MEDLINE]
- 167:** [DeWitt DA, Silver J, Canning DR, Perry G.](#) Related Articles, Links
-  Chondroitin sulfate proteoglycans are associated with the lesions of Alzheimer's disease.
Exp Neurol. 1993 Jun;121(2):149-52.
PMID: 8339766 [PubMed - indexed for MEDLINE]
- 168:** [Stoll J, Balbo A, Ault B, Rapoport SI, Fine A.](#) Related Articles, Links
-  Long-term transplants of mouse trisomy 16 hippocampal neurons, a model for Down's syndrome, do not develop Alzheimer's disease neuropathology.

Brain Res. 1993 May 7;610(2):295-304.
PMID: 8319091 [PubMed - indexed for MEDLINE]

- 169:** [Oyama F, Hirohashi S, Sakamoto M, Titani K, Sekiguchi K.](#) Related Articles, Links



Coordinate oncodevelopmental modulation of alternative splicing of fibronectin pre-messenger RNA at ED-A, ED-B, and CS1 regions in human liver tumors.

Cancer Res. 1993 May 1;53(9):2005-11.
PMID: 8481903 [PubMed - indexed for MEDLINE]

- 170:** [Lahiri DK.](#) Related Articles, Links



The stability of beta-amyloid precursor protein in nine different cell types.

Biochem Mol Biol Int. 1993 Apr;29(5):849-58.
PMID: 8508138 [PubMed - indexed for MEDLINE]

- 171:** [Gaskin F, Finley J, Fang Q, Xu S, Fu SM.](#) Related Articles, Links



Human antibodies reactive with beta-amyloid protein in Alzheimer's disease.

J Exp Med. 1993 Apr 1;177(4):1181-6.
PMID: 8459212 [PubMed - indexed for MEDLINE]

- 172:** [Buee L, Ding W, Delacourte A, Fillit H.](#) Related Articles, Links



Binding of secreted human neuroblastoma proteoglycans to the Alzheimer's amyloid A4 peptide.

Brain Res. 1993 Jan 22;601(1-2):154-63.
PMID: 8431762 [PubMed - indexed for MEDLINE]

- 173:** [Seubert P, Oltersdorf T, Lee MG, Barbour R, Blomquist C, Davis DL, Bryant K, Fritz LC, Galasko D, Thal LJ, et al.](#) Related Articles, Links



Secretion of beta-amyloid precursor protein cleaved at the amino terminus of the beta-amyloid peptide.

Nature. 1993 Jan 21;361(6409):260-3.
PMID: 7678698 [PubMed - indexed for MEDLINE]

- 174:** [Nelson PT, Marton L, Saper CB.](#) Related Articles, Links



Alz-50 immunohistochemistry in the normal sheep striatum: a light and electron microscope study.

Brain Res. 1993 Jan 15;600(2):285-97.
PMID: 8094642 [PubMed - indexed for MEDLINE]

- 175:** [Wisniewski HM, Weigel J.](#) Related Articles, Links



Migration of perivascular cells into the neuropil and their involvement in beta-amyloid plaque formation.

Acta Neuropathol (Berl). 1993;85(6):586-95.
PMID: 8337937 [PubMed - indexed for MEDLINE]









- 176:** [Su JH, Cummings BJ, Cotman CW.](#) Related Articles, Links












Localization of heparan sulfate glycosaminoglycan and proteoglycan core protein in aged brain and Alzheimer's disease.

Neuroscience. 1992 Dec;51(4):801-13.
PMID: 1488123 [PubMed - indexed for MEDLINE]

- 177:** [Perlmutter LS, Scott SA, Barron E, Chui HC.](#) Related Articles, Links

-  MHC class II-positive microglia in human brain: association with Alzheimer lesions.
J Neurosci Res. 1992 Dec;33(4):549-58. Erratum in: J Neurosci Res 1993 Jun 15;35(3):346.
PMID: 1484388 [PubMed - indexed for MEDLINE]
- 178:** [Seubert P, Vigo-Pelfrey C, Esch F, Lee M, Dovey H, Davis D, Sinha S, Schlossmacher M, Whaley J, Swindlehurst C, et al.](#) Related Articles, Links
-  Isolation and quantification of soluble Alzheimer's beta-peptide from biological fluids.
Nature. 1992 Sep 24;359(6393):325-7.
PMID: 1406936 [PubMed - indexed for MEDLINE]
- 179:** [Arai H, Schmidt ML, Lee VM, Hurtig HI, Greenberg BD, Adler CH, Trojanowski JQ.](#) Related Articles, Links
-  Epitope analysis of senile plaque components in the hippocampus of patients with Parkinson's disease.
Neurology. 1992 Jul;42(7):1315-22.
PMID: 1377804 [PubMed - indexed for MEDLINE]
- 180:** [Cummings BJ, Su JH, Geddes JW, Van Nostrand WE, Wagner SL, Cunningham DD, Cotman CW.](#) Related Articles, Links
-  Aggregation of the amyloid precursor protein within degenerating neurons and dystrophic neurites in Alzheimer's disease.
Neuroscience. 1992 Jun;48(4):763-77.
PMID: 1378573 [PubMed - indexed for MEDLINE]
- 181:** [Ohgami T, Kitamoto T, Tateishi J.](#) Related Articles, Links
-  Alzheimer's amyloid precursor protein accumulates within axonal swellings in human brain lesions.
Neurosci Lett. 1992 Feb 17;136(1):75-8.
PMID: 1635670 [PubMed - indexed for MEDLINE]
- 182:** [Wunderlich D, Lee A, Fracasso RP, Mierz DV, Bayney RM, Ramabhadran TV.](#) Related Articles, Links
-  Use of recombinant fusion proteins for generation and rapid characterization of monoclonal antibodies. Application to the Kunitz domain of human beta amyloid precursor protein.
J Immunol Methods. 1992 Feb 14;147(1):1-11.
PMID: 1371794 [PubMed - indexed for MEDLINE]
- 183:** [Delvaux A, Van der Elst L, Octave JN.](#) Related Articles, Links
-  Inhibition of trypsin by the beta-amyloid protein precursor. A comparative study between transfected cells, human brain and cerebrospinal fluid.
FEBS Lett. 1992 Feb 3;297(1-2):124-6.
PMID: 1551418 [PubMed - indexed for MEDLINE]
- 184:** [Choi-Miura NH, Ihara Y, Fukuchi K, Takeda M, Nakano Y, Tobe T, Tomita M.](#) Related Articles, Links
-  SP-40,40 is a constituent of Alzheimer's amyloid.
Acta Neuropathol (Berl). 1992;83(3):260-4.
PMID: 1373021 [PubMed - indexed for MEDLINE]
- 185:** [Arai H, Lee VM, Messinger ML, Greenberg BD, Lowery DE, Trojanowski JQ.](#) Related Articles, Links

-  Expression patterns of beta-amyloid precursor protein (beta-APP) in neural and nonneural human tissues from Alzheimer's disease and control subjects.
Ann Neurol. 1991 Nov;30(5):686-93.
PMID: 1763893 [PubMed - indexed for MEDLINE]
- 186:** Frautschy SA, Baird A, Cole GM. Related Articles, Links
-  Effects of injected Alzheimer beta-amyloid cores in rat brain.
Proc Natl Acad Sci U S A. 1991 Oct 1;88(19):8362-6.
PMID: 1924295 [PubMed - indexed for MEDLINE]
- 187:** Munoz DG. Related Articles, Links
-  Chromogranin A-like immunoreactive neurites are major constituents of senile plaques.
Lab Invest. 1991 Jun;64(6):826-32.
PMID: 1710735 [PubMed - indexed for MEDLINE]
- 188:** Knops J, Johnson-Wood K, Schenk DB, Sinha S, Lieberburg I, McConlogue L. Related Articles, Links
-  Isolation of baculovirus-derived secreted and full-length beta-amyloid precursor protein.
J Biol Chem. 1991 Apr 15;266(11):7285-90.
PMID: 1901866 [PubMed - indexed for MEDLINE]
- 189:** Henriksson T, Barbour RM, Braa S, Ward P, Fritz LC, Johnson-Wood K, Chung HD, Burke W, Reinikainen KJ, Riekkinen P, et al. Related Articles, Links
-  Analysis and quantitation of the beta-amyloid precursor protein in the cerebrospinal fluid of Alzheimer's disease patients with a monoclonal antibody-based immunoassay.
J Neurochem. 1991 Mar;56(3):1037-42.
PMID: 1899691 [PubMed - indexed for MEDLINE]
- 190:** Takahashi H, Hirokawa K, Ando S, Obata K. Related Articles, Links
-  Immunohistological study on brains of Alzheimer's disease using antibodies to fetal antigens, C-series gangliosides and microtubule-associated protein 5.
Acta Neuropathol (Berl). 1991;81(6):626-31.
PMID: 1909079 [PubMed - indexed for MEDLINE]
- 191:** Becker L, Mito T, Takashima S, Onodera K. Related Articles, Links
-  Growth and development of the brain in Down syndrome.
Prog Clin Biol Res. 1991;373:133-52. Review.
PMID: 1838182 [PubMed - indexed for MEDLINE]
- 192:** Yankner BA, Caceres A, Duffy LK. Related Articles, Links
-  Nerve growth factor potentiates the neurotoxicity of beta amyloid.
Proc Natl Acad Sci U S A. 1990 Nov;87(22):9020-3.
PMID: 2174172 [PubMed - indexed for MEDLINE]
- 193:** Snow AD, Mar H, Nochlin D, Sekiguchi RT, Kimata K, Koike Y, Wight TN. Related Articles, Links
-  Early accumulation of heparan sulfate in neurons and in the beta-amyloid protein-containing lesions of Alzheimer's disease and Down's syndrome.

Am J Pathol. 1990 Nov;137(5):1253-70.
PMID: 2146882 [PubMed - indexed for MEDLINE]

- 194:** [Kanemaru K, Hasegawa M, Shimada H, Ihara Y.](#) Related Articles, Links



The presence of a novel protein in calf serum that recognizes beta amyloid in the formalin-fixed section.

Am J Pathol. 1990 Sep;137(3):677-87.
PMID: 1698030 [PubMed - indexed for MEDLINE]

- 195:** [Tate-Ostroff B, Majocha RE, Walcott EC, Ventosa-Michelman M, Marotta CA.](#) Related Articles, Links



Colocalization of amino terminal and A4 (beta-amyloid) antigens in Alzheimer plaques: evidence for coordinated processing of the amyloid precursor protein.

J Geriatr Psychiatry Neurol. 1990 Jul-Sep;3(3):139-45.
PMID: 2126439 [PubMed - indexed for MEDLINE]

- 196:** [Stern RA, Trojanowski JQ, Lee VM.](#) Related Articles, Links



Antibodies to the beta-amyloid peptide cross-react with conformational epitopes in human fibrinogen subunits from peripheral blood.

FEBS Lett. 1990 May 7;264(1):43-7.
PMID: 1692541 [PubMed - indexed for MEDLINE]

- 197:** [Spillantini MG, Goedert M, Jakes R, Klug A.](#) Related Articles, Links



Different configurational states of beta-amyloid and their distributions relative to plaques and tangles in Alzheimer disease.

Proc Natl Acad Sci U S A. 1990 May;87(10):3947-51.
PMID: 2111023 [PubMed - indexed for MEDLINE]

- 198:** [Singhrao S, Cole G, Henderson WJ, Newman GR.](#) Related Articles, Links



LR White embedding allows a multi-method approach to the analysis of brain tissue from patients with Alzheimer's disease.

Histochem J. 1990 May;22(5):257-68.
PMID: 1966829 [PubMed - indexed for MEDLINE]

- 199:** [Arai H, Lee VM, Otvos L Jr, Greenberg BD, Lowery DE, Sharma SK, Schmidt ML, Trojanowski JQ.](#) Related Articles, Links



Defined neurofilament, tau, and beta-amyloid precursor protein epitopes distinguish Alzheimer from non-Alzheimer senile plaques.

Proc Natl Acad Sci U S A. 1990 Mar;87(6):2249-53.
PMID: 1690426 [PubMed - indexed for MEDLINE]

- 200:** [Koo EH, Sisodia SS, Archer DR, Martin LJ, Weidemann A, Beyreuther K, Fischer P, Masters CL, Price DL.](#) Related Articles, Links



Precursor of amyloid protein in Alzheimer disease undergoes fast anterograde axonal transport.






Proc Natl Acad Sci U S A. 1990 Feb;87(4):1561-5.
PMID: 1689489 [PubMed - indexed for MEDLINE]

- 201:** [Chou WG, Zain SB, Rehman S, Tate-Ostroff B, Majocha RE, Benes FM, Marotta CA.](#) Related Articles, Links



Alzheimer cortical neurons containing abundant amyloid mRNA. Relationship to amyloid deposition and senile plaques.

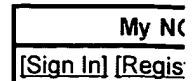
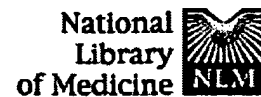
J Psychiatr Res. 1990;24(1):37-50.
PMID: 2195164 [PubMed - indexed for MEDLINE]

- 202:** [Takahashi H, Kurashima C, Utsuyama M, Hirokawa K.](#) Related Articles, Links
 Immunohistological study of senile brains by using a monoclonal antibody recognizing beta amyloid precursor protein: significance of granular deposits in relation with senile plaques.
 Acta Neuropathol (Berl). 1990;80(3):260-5.
 PMID: 1698004 [PubMed - indexed for MEDLINE]
- 203:** [Suenaga T, Hirano A, Llena JF, Ksiezak-Reding H, Yen SH, Dickson DW.](#) Related Articles, Links
 Modified Bielschowsky and immunocytochemical studies on cerebellar plaques in Alzheimer's disease.
 J Neuropathol Exp Neurol. 1990 Jan;49(1):31-40.
 PMID: 1688924 [PubMed - indexed for MEDLINE]
- 204:** [Benes FM, Reifel JL, Majocha RE, Marotta CA.](#) Related Articles, Links
 Evidence for a diffusional model of Alzheimer amyloid A4 (beta-amyloid) deposition during neuritic plaque formation.
 Neuroscience. 1989;33(3):483-8.
 PMID: 2700016 [PubMed - indexed for MEDLINE]
- 205:** [Marotta CA, Chou WG, Majocha RE, Watkins R, LaBonne C, Zain SB.](#) Related Articles, Links
 Overexpression of amyloid precursor protein A4 (beta-amyloid) immunoreactivity in genetically transformed cells: implications for a cellular model of Alzheimer amyloidosis.
 Proc Natl Acad Sci U S A. 1989 Jan;86(1):337-41.
 PMID: 2563163 [PubMed - indexed for MEDLINE]
- 206:** [Wisniewski HM, Wen GY, Kim KS.](#) Related Articles, Links
 Comparison of four staining methods on the detection of neuritic plaques.
 Acta Neuropathol (Berl). 1989;78(1):22-7.
 PMID: 2472039 [PubMed - indexed for MEDLINE]

Display Show Sort by Send to

[Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)
 Department of Health & Human Services
[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for

Limits Preview/Index History Clipboard Details

Display Abstract Show 20 Sort by Send to

About Entrez

Text Version

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI (Cubby)

Related Resources

Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

1: J Neurochem. 1991 Mar;56(3):1037-42.

[Related Articles, Links](#)

Analysis and quantitation of the beta-amyloid precursor protein in the cerebrospinal fluid of Alzheimer's disease patients with a monoclonal antibody-based immunoassay.

Henriksson T, Barbour RM, Braa S, Ward P, Fritz LC, Johnson-Wood K, Chung HD, Burke W, Reinikainen KJ, Riekkinen P, et al.

Athena Neurosciences, Inc., South San Francisco, California 94080.

One of the major clinical findings in Alzheimer's disease (AD) is the formation of deposits of beta-amyloid protein in amyloid plaques, derived from the beta-amyloid precursor protein (beta-APP). To determine the possible use of beta-APP as a diagnostic marker for AD in CSF, a monoclonal antibody-based immunoassay specific for this protein was developed. The assay does not differentiate between beta-APP695 and beta-APP751 forms but does preferentially recognize beta-APP751 complexed with a protease. Of the two sets of CSF samples tested, one set, obtained from living patients, gave a slightly lower level of beta-APP in AD and Parkinson's disease patients relative to controls, whereas the other set, composed of postmortem samples, showed no significant differences between the AD and control groups.

PMID: 1899691 [PubMed - indexed for MEDLINE]

Display Abstract Show 20 Sort by Send to

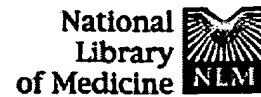
[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08



My NCBI
[Sign In] [Register]

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for [] [Go] [Clear]

Limits Preview/Index History Clipboard Details

Display Abstract Show 20 Sort by Send to

About Entrez

Text Version

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI (Cubby)

Related Resources

Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

1: J Exp Med. 1993 Apr 1;177(4):1181-6.

Related Articles, Links

FREE full text article at
www.jem.org

Human antibodies reactive with beta-amyloid protein in Alzheimer's disease.

Gaskin F, Finley J, Fang Q, Xu S, Fu SM.

Department of Psychiatry, University of Virginia School of Medicine, Charlottesville 22908.

Four human B cell lines established by Epstein-Barr viral transformation of B cells from a patient with a clinical diagnosis of Alzheimer's disease (AD) were found to secrete antibodies that react with plaques and cerebrovascular blood vessels in AD brain in a staining profile characteristic of beta-amyloid protein (beta-AP) in AD brain. Two of these antibodies were shown to be reactive with a rare plaque in a normal brain. In these studies, immunofluorescence and avidin-biotin complex immunoperoxidase methodology were used to determine antibody reaction, and thioflavine S was used to double label amyloid and neurofibrillary tangles. The four antibodies also reacted with neurons in normal and AD brain. Absorption studies, dot immunoblots, and enzyme-linked immunosorbent assays with beta-amyloid peptides 1-28 (beta-A1-28) and 1-40 (beta-A1-40) indicate the major determinant of the reactive epitope is located in the region of amino acids 1-28 of beta-AP. However, inhibition studies demonstrate a significant contribution to the antigenic determinant by the 29-40 region of the beta-A1-40. These antibodies represent the first human autoantibodies against beta-AP. The pathological significance of these autoantibodies is discussed.

PMID: 8459212 [PubMed - indexed for MEDLINE]

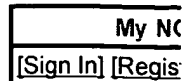
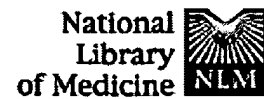
Display Abstract Show 20 Sort by Send to

Write to the Help Desk

NCBI | NLM | NIH

Department of Health & Human Services

Privacy Statement | Freedom of Information Act | Disclaimer



All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Books

Search PubMed for

Limits Preview/Index History Clipboard Details

Display Abstract Show 20 Sort by Send to

About Entrez

Text Version

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI (Cubby)

Related Resources

Order Documents
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

1: Am J Pathol. 1994 May;144(5):1082-8.

[Related Articles, Links](#)

Development of a monoclonal antibody specific for the COOH-terminal of beta-amyloid 1-42 and its immunohistochemical reactivity in Alzheimer's disease and related disorders.

Murphy GM Jr, Forno LS, Higgins L, Scardina JM, Eng LF, Cordell B.

Department of Psychiatry and Behavioral Sciences, Stanford University
School of Medicine, California.

The beta-amyloid peptide (beta AP) has been characterized by protein sequencing techniques as a 39-43 amino acid protein with heterogeneous COOH-termini. Controversy exists regarding the predominant form of beta AP in neuritic plaques (NP) and cerebral vasculature of Alzheimer's disease (AD) brain. A monoclonal antibody was developed that selectively recognizes the free COOH-terminal of beta AP 1-42 but not beta AP species with shorter or longer COOH-termini. Brain sections from AD and related disorders were examined using this antibody. In AD samples, the antibody stained diffuse amyloid and NP cores, many intraneuronal and extraneuronal neurofibrillary tangles (NFT), but not cerebrovascular amyloid. Pick and Lewy bodies lacked immunoreactivity. These findings suggest that beta AP 1-42 is present in early and mature amyloid deposits and NFT, but that species of beta AP other than 1-42 comprise human vascular deposits.

PMID: 8178931 [PubMed - indexed for MEDLINE]

Display Abstract Show 20 Sort by Send to

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

Department of Health & Human Services

[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

May 2 2005 17:45:08